

**FADE
TO
BLACK**

WITH JIMMY CHURCH



1
00:01:46,609 --> 00:01:42,760
all right good evening how is everybody

2
00:01:51,800 --> 00:01:46,619
doing that's the question

3
00:01:56,990 --> 00:01:51,810
how are you uh yeah yeah a pretty fun

4
00:01:59,300 --> 00:01:57,000
day around here exciting and I don't

5
00:02:03,169 --> 00:01:59,310
want to get into it too much but we had

6
00:02:05,809 --> 00:02:03,179
a really good day and he loved it when

7
00:02:09,380 --> 00:02:05,819
you have days that that puts you in this

8
00:02:14,720 --> 00:02:09,390
kind of mood it's just unbelievably cool

9
00:02:16,490 --> 00:02:14,730
day and I got late into the bunker today

10
00:02:21,110 --> 00:02:16,500
because we are out doing some stuff and

11
00:02:23,270 --> 00:02:21,120
and so I'm literally getting caught up

12
00:02:31,550 --> 00:02:23,280
right here so just everybody just bear

13
00:02:34,849 --> 00:02:31,560

with me and yeah yeah like that

14

00:02:38,839 --> 00:02:34,859

okay messaging yes check check check

15

00:02:42,680 --> 00:02:38,849

video check bunker cameras up music is

16

00:02:47,599 --> 00:02:42,690

cued over here network feed is ready to

17

00:02:49,670 --> 00:02:47,609

go chat rooms are ready to open this is

18

00:02:51,620 --> 00:02:49,680

what I got to do it's I got to go

19

00:03:00,500 --> 00:02:51,630

through everything okay Twitter is up

20

00:03:03,470 --> 00:03:00,510

and live ie mails go yes and jasonlew

21

00:03:08,059 --> 00:03:03,480

tonight to discuss technology it is a

22

00:03:10,819 --> 00:03:08,069

beautiful day it is a beautiful day what

23

00:03:13,909 --> 00:03:10,829

a great show last night with Holly Holly

24

00:03:16,849 --> 00:03:13,919

Marie just an incredible show we talked

25

00:03:20,030 --> 00:03:16,859

about it today to read it and I it was

26

00:03:21,920 --> 00:03:20,040

just a it was a great show and I miss

27

00:03:24,140 --> 00:03:21,930

doing shows like that where I'm learning

28

00:03:26,500 --> 00:03:24,150

you know while I learn every night but

29

00:03:32,020 --> 00:03:26,510

that would that was really cool

30

00:03:35,300 --> 00:03:32,030

so tonight Jason move and and then

31

00:03:39,680 --> 00:03:35,310

tomorrow night the

32

00:03:41,870 --> 00:03:39,690

the debut of Tracy Garbett on this show

33

00:03:44,110 --> 00:03:41,880

she's gonna be on the show a lot but

34

00:03:46,460 --> 00:03:44,120

tomorrow night very excited about that

35

00:03:50,420 --> 00:03:46,470

introducing her to the world tomorrow

36

00:03:51,320 --> 00:03:50,430

night so get ready that's it I think I'm

37

00:03:58,540 --> 00:03:51,330

good to go

38

00:04:04,910 --> 00:04:02,240

so I'm going to be talking I've got 15

39

00:04:08,930 --> 00:04:04,920

seconds I'm gonna talk a little bit

40

00:04:10,580 --> 00:04:08,940

tonight about before I've got some

41

00:04:13,190 --> 00:04:10,590

technology stuff I'm gonna set up the

42

00:04:16,430 --> 00:04:13,200

show with one is about AT&T spying

43

00:04:30,690 --> 00:04:16,440

within NSA listen what I have to say

44

00:04:45,629 --> 00:04:38,940

[Music]

45

00:04:48,520 --> 00:04:45,639

this hope radio for the masses Atlanta

46

00:04:50,230 --> 00:04:48,530

between July 8 1947

47

00:04:52,900 --> 00:04:50,240

the Army Air Force Rezanov start

48

00:04:55,480 --> 00:04:52,910

applying there - found under now in the

49

00:04:58,710 --> 00:04:55,490

possession of the RA the game is rigged

50

00:05:01,540 --> 00:04:58,720

change the game game changer I

51
00:05:05,860 --> 00:05:01,550
occasionally think how quickly our

52
00:05:08,500 --> 00:05:05,870
differences worldwide would vanish if we

53
00:05:09,850 --> 00:05:08,510
were facing an alien threat from outside

54
00:05:15,149 --> 00:05:09,860
this way

55
00:05:17,609 --> 00:05:15,159
[Music]

56
00:05:20,429 --> 00:05:17,619
fade to black with your host Jimmy

57
00:05:26,950 --> 00:05:20,439
church on the GameChanger radio network

58
00:05:32,170 --> 00:05:29,180
I need your help to get to the

59
00:05:35,860 --> 00:05:32,180
1980

60
00:05:37,990 --> 00:05:35,870
[Music]

61
00:05:39,970 --> 00:05:38,000
you are listening to fade to black with

62
00:05:41,060 --> 00:05:39,980
Jimmy judge on the game change in

63
00:05:47,619 --> 00:05:41,070

network

64

00:05:52,660 --> 00:05:47,629

[Music]

65

00:06:04,170 --> 00:05:59,910

fade to black this spoke radio for the

66

00:06:14,970 --> 00:06:11,830

today's Tuesday June 26th 2018 177 days

67

00:06:18,250 --> 00:06:14,980

into the new year chest 188 days loved

68

00:06:21,690 --> 00:06:18,260

we're live from a bunker somewhere in

69

00:06:23,950 --> 00:06:21,700

beautiful downtown Burbank California

70

00:06:25,960 --> 00:06:23,960

and I would like to welcome everybody

71

00:06:29,650 --> 00:06:25,970

listening all around the world all

72

00:06:32,320 --> 00:06:29,660

across the United States hither and

73

00:06:34,510 --> 00:06:32,330

tiddler to and fro back and forth up and

74

00:06:36,000 --> 00:06:34,520

down east and west north and south far

75

00:06:37,600 --> 00:06:36,010

and near

76

00:06:39,999 --> 00:06:37,610

[Music]

77

00:06:42,339 --> 00:06:40,009

this is fade to black for kjc are the

78

00:06:44,860 --> 00:06:42,349

game changer Network and K GRA the

79

00:06:48,749 --> 00:06:44,870

planet I'm here Jimmy Church what is

80

00:06:55,450 --> 00:06:52,170

very excited about tonight's show

81

00:06:59,350 --> 00:06:55,460

because tonight very special guest Jason

82

00:07:05,469 --> 00:06:59,360

Louvre is back and tonight we're gonna

83

00:07:08,649 --> 00:07:05,479

talk technology for all of it all of it

84

00:07:10,269 --> 00:07:08,659

we're gonna talk we're gonna talk Big

85

00:07:13,330 --> 00:07:10,279

Brother we're gonna talk artificial

86

00:07:19,929 --> 00:07:13,340

reality artificial intelligence privacy

87

00:07:24,059 --> 00:07:19,939

data mining cell phones networks we're

88

00:07:28,390 --> 00:07:24,069

gonna do it all tonight and how it

89

00:07:32,740 --> 00:07:28,400

controls you today and what we can

90

00:07:34,899 --> 00:07:32,750

expect in the future it's a very

91

00:07:38,589 --> 00:07:34,909

important show with one of the very best

92

00:07:41,439 --> 00:07:38,599

and brightest jasonlew okay now tomorrow

93

00:07:43,869 --> 00:07:41,449

night another big show because tomorrow

94

00:07:46,019 --> 00:07:43,879

night Tracy Garbett is here and we are

95

00:07:48,279 --> 00:07:46,029

going to introduce her to the world

96

00:07:52,800 --> 00:07:48,289

that's right Tracy Garbett tomorrow

97

00:07:55,779 --> 00:07:52,810

night the whoo-hoo-hoo man just wait

98

00:07:58,240 --> 00:07:55,789

tomorrow night and then Thursday is

99

00:08:00,219 --> 00:07:58,250

another Fator night without Jon

100

00:08:04,089 --> 00:08:00,229

Rappoport and is no more fake newsroom

101
00:08:07,959 --> 00:08:04,099
live that's right John is back on the

102
00:08:10,209 --> 00:08:07,969
road he's doing stuff he's doing

103
00:08:13,480 --> 00:08:10,219
research that's what he's doing

104
00:08:16,029 --> 00:08:13,490
so he will be with this next Thursday

105
00:08:19,959 --> 00:08:16,039
but he won't be with us this Thursday

106
00:08:24,010 --> 00:08:19,969
which means a full night of open lines

107
00:08:27,999 --> 00:08:24,020
all night long okay now we have on

108
00:08:29,769 --> 00:08:28,009
stellar today Rita you can you can

109
00:08:33,069 --> 00:08:29,779
friend me over and on stellar you can go

110
00:08:36,880 --> 00:08:33,079
and get registered over there the next

111
00:08:42,069 --> 00:08:36,890
great social media platform that is on

112
00:08:45,510 --> 00:08:42,079
stellar ons te ll AR dot-com very simple

113
00:08:48,160 --> 00:08:45,520

just go and register get registered and

114

00:08:49,960 --> 00:08:48,170

it's just like any other social media

115

00:08:54,780 --> 00:08:49,970

platform

116

00:08:57,040 --> 00:08:54,790

that is free it's a great community

117

00:08:59,170 --> 00:08:57,050

there's no data mining there's no

118

00:09:00,910 --> 00:08:59,180

advertising there's nothing like that

119

00:09:03,910 --> 00:09:00,920

going on over there but it's built for

120

00:09:06,309 --> 00:09:03,920

our community you can do whatever you

121

00:09:09,429 --> 00:09:06,319

want you want to post pictures of your

122

00:09:13,420 --> 00:09:09,439

cat and you just go right ahead you can

123

00:09:18,009 --> 00:09:13,430

do that I haven't jumped in on my famous

124

00:09:21,059 --> 00:09:18,019

barbecue pics but that's next

125

00:09:25,300 --> 00:09:21,069

the platform is unbelievably beautiful

126

00:09:28,540 --> 00:09:25,310

so and fun so go and get registered now

127

00:09:30,519 --> 00:09:28,550

on stellar dot-com and use my referral

128

00:09:33,759 --> 00:09:30,529

code Jimmy when you register because

129

00:09:36,550 --> 00:09:33,769

you're gonna get 15 bonus tokens the on

130

00:09:38,980 --> 00:09:36,560

stellar tokens and you will need those

131

00:09:41,920 --> 00:09:38,990

and want those and desire more of those

132

00:09:47,069 --> 00:09:41,930

once the blockchain that this is based

133

00:09:49,050 --> 00:09:47,079

on is plugged in in about a month mmm

134

00:09:51,879 --> 00:09:49,060

that's right

135

00:09:53,710 --> 00:09:51,889

what a beautiful platform yeah I've been

136

00:09:58,269 --> 00:09:53,720

spending much time over Facebook as

137

00:10:00,189 --> 00:09:58,279

everybody has noticed ah follow me on

138

00:10:05,319 --> 00:10:00,199

Twitter I J Trudy I'm just drinking this

139

00:10:09,100 --> 00:10:05,329

River moon coffee man good for moon is

140

00:10:12,040 --> 00:10:09,110

amazing River moon coffee and it's very

141

00:10:14,110 --> 00:10:12,050

simple just go to the promo the banners

142

00:10:16,540 --> 00:10:14,120

over at Jimmy Church radio.com click and

143

00:10:19,119 --> 00:10:16,550

use that promo code F to be blend you'll

144

00:10:22,720 --> 00:10:19,129

get 15% off of your order so you can you

145

00:10:27,809 --> 00:10:22,730

can do you will when you get your fade

146

00:10:34,329 --> 00:10:31,210

man that is delicious that's exactly

147

00:10:36,100 --> 00:10:34,339

what you are going to say it is it's a

148

00:10:38,769 --> 00:10:36,110

game changer fade to black blend by the

149

00:10:42,610 --> 00:10:38,779

river moon coffee follow me on twitter

150

00:10:44,949 --> 00:10:42,620

at JD Radio Facebook you can still

151

00:10:46,840 --> 00:10:44,959

follow and do all of that stuff with

152

00:10:49,660 --> 00:10:46,850

with Facebook right now and of course

153

00:10:51,400 --> 00:10:49,670

YouTube you can subscribe to our channel

154

00:10:55,749 --> 00:10:51,410

you can go and do everything over at

155

00:10:57,819 --> 00:10:55,759

Jimmy Church radio.com ok do we have we

156

00:10:59,949 --> 00:10:57,829

have all of the on stellar simply should

157

00:11:02,499 --> 00:10:59,959

ya odds tellers at Jimmy Church radio

158

00:11:03,340 --> 00:11:02,509

calm do everything that you need right

159

00:11:06,040 --> 00:11:03,350

there

160

00:11:09,520 --> 00:11:06,050

and if you want to hang out on Twitter

161

00:11:15,430 --> 00:11:09,530

with us all night long it's very simple

162

00:11:16,660 --> 00:11:15,440

hashtag f2 B is the sandbox where we

163

00:11:19,120 --> 00:11:16,670

hang out all night

164

00:11:23,440 --> 00:11:19,130

I'm just John that's a great picture so

165

00:11:25,360 --> 00:11:23,450

I'm going to retweet that and if you

166

00:11:27,490 --> 00:11:25,370

want to check out all the dancing gifts

167

00:11:29,470 --> 00:11:27,500

all the dancers and everything that

168

00:11:32,920 --> 00:11:29,480

everybody posed has they start to show

169

00:11:35,470 --> 00:11:32,930

just head over to Twitter hashtag f2b

170

00:11:38,740 --> 00:11:35,480

you can follow me on twitter at j church

171

00:11:41,350 --> 00:11:38,750

radio okay alright any questions or

172

00:11:44,740 --> 00:11:41,360

comments during the show hashtag f2b q

173

00:11:48,480 --> 00:11:44,750

you can also email during the show which

174

00:11:54,690 --> 00:11:48,490

is jimmy at jimmy church radio calm

175

00:11:57,910 --> 00:11:54,700

breaking news and it is sad Toys R Us

176

00:12:01,090 --> 00:11:57,920

will end it's going out of business sale

177

00:12:05,410 --> 00:12:01,100

as it prepares to close every u.s.

178

00:12:09,240 --> 00:12:05,420

location officially this Friday that's

179

00:12:12,550 --> 00:12:09,250

right the remaining 200 Toys R Us and

180

00:12:15,850 --> 00:12:12,560

Babies R Us stores will shut their doors

181

00:12:18,370 --> 00:12:15,860

this Friday June 29th many locations

182

00:12:21,430 --> 00:12:18,380

that have run out of stock have already

183

00:12:24,790 --> 00:12:21,440

shut down and many more are scheduled to

184

00:12:28,480 --> 00:12:24,800

close as early as midnight tonight

185

00:12:34,960 --> 00:12:28,490

the 70 year old franchise as either

186

00:12:42,600 --> 00:12:34,970

closed or sold its 735 Us locations and

187

00:12:45,370 --> 00:12:42,610

that's sad I I know that eBay and Amazon

188

00:12:49,480 --> 00:12:45,380

and the Internet has a lot to do with

189

00:12:52,720 --> 00:12:49,490

this a lot of shopping online and I

190

00:12:54,550 --> 00:12:52,730

understand that and sometimes you know

191

00:12:56,800 --> 00:12:54,560

you need to you need to respond and

192

00:12:58,840 --> 00:12:56,810

embrace the internet if you want to be a

193

00:13:03,130 --> 00:12:58,850

brick-and-mortar you kind of got to do

194

00:13:06,100 --> 00:13:03,140

both these days I think Toys R Us was

195

00:13:10,360 --> 00:13:06,110

probably behind the ball but that has

196

00:13:16,190 --> 00:13:10,370

nothing to do with how I feel inside it

197

00:13:19,430 --> 00:13:16,200

it rips at me because all of us

198

00:13:25,160 --> 00:13:19,440

everybody listening to me right now has

199

00:13:27,200 --> 00:13:25,170

a toy Zara's memory and I I grew up just

200

00:13:30,980 --> 00:13:27,210

like everybody here I grew up from day

201
00:13:33,110 --> 00:13:30,990
one with Toys R Us and there was nothing

202
00:13:37,340 --> 00:13:33,120
like going to Toys R Us with your

203
00:13:42,560 --> 00:13:37,350
parents nothing like it nothing Legos

204
00:13:46,610 --> 00:13:42,570
right I mean I mean how cool was it

205
00:13:51,380 --> 00:13:46,620
right and Toys R Us and that's that's

206
00:13:53,660 --> 00:13:51,390
the part that I think we remember you

207
00:13:55,730 --> 00:13:53,670
know going to Toys R Us as a kid but

208
00:14:01,580 --> 00:13:55,740
then there's another part when you

209
00:14:05,120 --> 00:14:01,590
become a parent and you are able to take

210
00:14:07,430 --> 00:14:05,130
your children there you know from the

211
00:14:10,430 --> 00:14:07,440
time that they are able to walk and you

212
00:14:13,010 --> 00:14:10,440
can you know just go toy shopping and

213
00:14:15,650 --> 00:14:13,020

hanging out with your with your kids at

214

00:14:16,160 --> 00:14:15,660

Toys R Us there was nothing better than

215

00:14:19,010 --> 00:14:16,170

that

216

00:14:22,100 --> 00:14:19,020

because the same magic was there for

217

00:14:25,900 --> 00:14:22,110

them as it was for you and you know your

218

00:14:30,050 --> 00:14:25,910

kids words absolutely glowing inside

219

00:14:33,100 --> 00:14:30,060

just like you did when you were a kid

220

00:14:37,190 --> 00:14:33,110

and it's no more

221

00:14:40,310 --> 00:14:37,200

isn't that trippy and you know I know

222

00:14:42,080 --> 00:14:40,320

that a couple of investors and one big

223

00:14:44,300 --> 00:14:42,090

investor tried to step in and and

224

00:14:45,920 --> 00:14:44,310

purchase it and keep it alive it fell

225

00:14:53,810 --> 00:14:45,930

through

226

00:14:59,300 --> 00:14:53,820

sad sad Toys R Us right such as me if it

227

00:15:01,490 --> 00:14:59,310

hurts doesn't it that's where a

228

00:15:04,580 --> 00:15:01,500

government program needs to come in play

229

00:15:06,160 --> 00:15:04,590

right there that's when the government

230

00:15:09,230 --> 00:15:06,170

needs to step in

231

00:15:12,950 --> 00:15:09,240

alright there you need to keep that

232

00:15:16,070 --> 00:15:12,960

alive but Toys R Us is no more as of

233

00:15:19,820 --> 00:15:16,080

this Friday unbelievable and I'll tell

234

00:15:23,020 --> 00:15:19,830

you something else this isn't part of

235

00:15:25,160 --> 00:15:23,030

the media story Toys R Us

236

00:15:28,940 --> 00:15:25,170

internationally outside of the United

237

00:15:29,360 --> 00:15:28,950

States still running all the stores are

238

00:15:34,250 --> 00:15:29,370

open

239

00:15:35,000 --> 00:15:34,260

yep yep Canada everywhere all those

240

00:15:38,920 --> 00:15:35,010

locations

241

00:15:44,930 --> 00:15:38,930

it's just Toys R Us in the United States

242

00:15:49,100 --> 00:15:44,940

it's just like Jimmy remember Children's

243

00:15:53,050 --> 00:15:49,110

Palace on Shadeland I do I do remember

244

00:15:56,870 --> 00:15:53,060

to children's path lozad Shadeland that

245

00:15:59,390 --> 00:15:56,880

Shadeland is the main one of the main

246

00:16:03,620 --> 00:15:59,400

drags in Indianapolis I used to work on

247

00:16:05,660 --> 00:16:03,630

Shadeland that's where Western Electric

248

00:16:09,230 --> 00:16:05,670

was when I worked at Bell Laboratories I

249

00:16:11,570 --> 00:16:09,240

was on Shadeland but anyway yeah

250

00:16:16,390 --> 00:16:11,580

children's palace and Shadeland that

251
00:16:19,160 --> 00:16:16,400
rocked man I love my nap town people I

252
00:16:22,340 --> 00:16:19,170
love my nap town people we've got to

253
00:16:24,650 --> 00:16:22,350
somehow get something going on in

254
00:16:27,230 --> 00:16:24,660
Indianapolis because I need to come back

255
00:16:28,550 --> 00:16:27,240
I need to come back to Indy here as soon

256
00:16:31,400 --> 00:16:28,560
as I can and come hang out with

257
00:16:33,770 --> 00:16:31,410
everybody miss nap town all right don't

258
00:16:37,000 --> 00:16:33,780
forget to sign up for our soul tech

259
00:16:39,050 --> 00:16:37,010
gathering I'm not too sure I haven't

260
00:16:40,670 --> 00:16:39,060
didn't believe it or not I didn't have

261
00:16:42,410 --> 00:16:40,680
the time to check this weekend I should

262
00:16:43,820 --> 00:16:42,420
have done it before the show today see

263
00:16:47,870 --> 00:16:43,830

how many tickets we have left

264

00:16:50,150 --> 00:16:47,880

we're running out I didn't get the big

265

00:16:53,600 --> 00:16:50,160

okay we're sold out message yet but it's

266

00:16:57,080 --> 00:16:53,610

it's it's happening soon so go to soul

267

00:17:00,590 --> 00:16:57,090

tech gathering calm and get sign up it

268

00:17:02,390 --> 00:17:00,600

is August 9th through the 12th I want to

269

00:17:04,250 --> 00:17:02,400

let everybody know that Corey Goode is

270

00:17:07,160 --> 00:17:04,260

going to be my special guest so he'll be

271

00:17:10,400 --> 00:17:07,170

hanging out Friday and Saturday we're

272

00:17:12,800 --> 00:17:10,410

gonna have speakers include james

273

00:17:17,300 --> 00:17:12,810

gilliland Jason quit Matthew Ryan

274

00:17:21,230 --> 00:17:17,310

Makayla Sheldon Teresa Ian in Aris Holly

275

00:17:24,380 --> 00:17:21,240

Marie Mary Gabriel John lund Dana Harvey

276

00:17:25,400 --> 00:17:24,390

Billy Carson Laura Cantu and Christine

277

00:17:29,810 --> 00:17:25,410

Cantigny

278

00:17:33,460 --> 00:17:29,820

will all be teaching ok so this is this

279

00:17:36,500 --> 00:17:33,470

is a conference where we are going to do

280

00:17:40,790 --> 00:17:36,510

three straight days for four nights

281

00:17:42,050 --> 00:17:40,800

three three days of teaching okay we've

282

00:17:45,530 --> 00:17:42,060

got classrooms

283

00:17:47,510 --> 00:17:45,540

it's going to be nothing but right so

284

00:17:51,440 --> 00:17:47,520

that's what you want to do is get signed

285

00:17:52,130 --> 00:17:51,450

up right away the food is going to be

286

00:17:57,500 --> 00:17:52,140

amazing

287

00:17:59,030 --> 00:17:57,510

and the night watches that were the sky

288

00:18:02,120 --> 00:17:59,040

watches that we're gonna do in the field

289

00:18:04,460 --> 00:18:02,130

of dreams each night Sunday night we are

290

00:18:06,920 --> 00:18:04,470

going to have a party we're gonna have

291

00:18:09,860 --> 00:18:06,930

food trucks that are coming in we're

292

00:18:12,350 --> 00:18:09,870

gonna have music and fun and as well as

293

00:18:15,620 --> 00:18:12,360

some sky watching that'll be going down

294

00:18:17,780 --> 00:18:15,630

a Sunday evening so we've got a great

295

00:18:21,620 --> 00:18:17,790

itinerary you can check everything out

296

00:18:24,020 --> 00:18:21,630

at a soul tech gathering dot-com this

297

00:18:26,570 --> 00:18:24,030

lineup of speakers and how we are doing

298

00:18:31,940 --> 00:18:26,580

it it's going to be different and I

299

00:18:33,950 --> 00:18:31,950

wanted to I wanted to create those

300

00:18:36,890 --> 00:18:33,960

memories for everybody that Rita and I

301
00:18:43,840 --> 00:18:36,900
got it's it's just a magical place II

302
00:18:46,880 --> 00:18:43,850
said II and it is such a an opportunity

303
00:18:48,980 --> 00:18:46,890
for everybody to not only to learn and

304
00:18:52,460 --> 00:18:48,990
to gather knowledge but to make friends

305
00:18:55,520 --> 00:18:52,470
because that's what we did there we we

306
00:18:59,120 --> 00:18:55,530
took a group picture up in East Eddy

307
00:19:00,770 --> 00:18:59,130
last year got everybody together as we

308
00:19:03,530 --> 00:19:00,780
were eating dinner I don't know a

309
00:19:07,130 --> 00:19:03,540
hundred or so people in this this pic

310
00:19:10,660 --> 00:19:07,140
because we were all friends it was just

311
00:19:14,480 --> 00:19:10,670
it was cool and I didn't want to leave I

312
00:19:18,500 --> 00:19:14,490
didn't want to leave so that's what the

313
00:19:20,900 --> 00:19:18,510

goal was here for soul tech okay go and

314

00:19:22,580 --> 00:19:20,910

get signed up now soul tech gathering

315

00:19:24,950 --> 00:19:22,590

dot-com all the information that you

316

00:19:26,800 --> 00:19:24,960

need is right there and then a week

317

00:19:29,630 --> 00:19:26,810

later I'm going to be heading out August

318

00:19:32,240 --> 00:19:29,640

17th through the 19th I'm heading out to

319

00:19:34,730 --> 00:19:32,250

Loveland Colorado for dimensions of

320

00:19:38,330 --> 00:19:34,740

disclosure with Corey good David Wilcock

321

00:19:40,400 --> 00:19:38,340

Emory Smith Tori CNRS Gerald O'Donnell

322

00:19:42,920 --> 00:19:40,410

Jordan Saylor and twenty other speakers

323

00:19:46,460 --> 00:19:42,930

and tickets and information all over at

324

00:19:48,980 --> 00:19:46,470

dimensions of disclosure dot-com and

325

00:19:49,670 --> 00:19:48,990

while you're over at Jimmy Church radio

326

00:19:54,110 --> 00:19:49,680

calm

327

00:19:56,450 --> 00:19:54,120

don't forget FAO Schwarz yeah

328

00:19:59,810 --> 00:19:56,460

FAO Schwartz

329

00:20:01,669 --> 00:19:59,820

I went to well have I been to so many of

330

00:20:03,549 --> 00:20:01,679

AO short but the one that was in New

331

00:20:06,830 --> 00:20:03,559

York is it still there

332

00:20:10,390 --> 00:20:06,840

this fao schwarz still opening in

333

00:20:15,500 --> 00:20:10,400

Manhattan how could they close that down

334

00:20:17,780 --> 00:20:15,510

keep that baby open fao schwarz don't

335

00:20:19,490 --> 00:20:17,790

forget to subscribe to our podcast when

336

00:20:22,310 --> 00:20:19,500

you are over at Jimmy Church radio calm

337

00:20:24,950 --> 00:20:22,320

we have over eight hundred and seventy

338

00:20:27,230 --> 00:20:24,960

five archive shows right there custom

339

00:20:29,990 --> 00:20:27,240

apps Apple Android all the platforms

340

00:20:33,620 --> 00:20:30,000

that you need are in the stores and all

341

00:20:35,510 --> 00:20:33,630

of that for just \$2 a month to maturity

342

00:20:37,970 --> 00:20:35,520

accom click on the podcast banner and

343

00:20:39,710 --> 00:20:37,980

you can also become a fader not over in

344

00:20:42,020 --> 00:20:39,720

our membership section

345

00:20:43,610 --> 00:20:42,030

nothing like becoming an official fade

346

00:20:47,030 --> 00:20:43,620

or not where you're gonna get a private

347

00:20:51,289 --> 00:20:47,040

email to me right I'm a little behind on

348

00:20:55,190 --> 00:20:51,299

my emails everybody I know I know I know

349

00:20:56,870 --> 00:20:55,200

but I'll get caught up on on those over

350

00:20:59,150 --> 00:20:56,880

the last couple of days but to get a

351

00:21:01,400 --> 00:20:59,160

private email to me you get the bunker

352

00:21:04,310 --> 00:21:01,410

cam hello everybody in the bunker cam

353

00:21:07,130 --> 00:21:04,320

you get if you wish you can get

354

00:21:09,830 --> 00:21:07,140

commercial free downloadable archives

355

00:21:12,620 --> 00:21:09,840

okay that you can just put on your

356

00:21:14,630 --> 00:21:12,630

computer or your phone and listen to

357

00:21:17,180 --> 00:21:14,640

them whenever you want however you want

358

00:21:19,760 --> 00:21:17,190

and if you get the game changer you also

359

00:21:22,220 --> 00:21:19,770

get that famous fade to black here you

360

00:21:25,850 --> 00:21:22,230

get an autograph fade to black hat that

361

00:21:29,060 --> 00:21:25,860

is not for sale you can only get that

362

00:21:30,890 --> 00:21:29,070

fade to black hat if you become a game

363

00:21:34,280 --> 00:21:30,900

changer alright and you're also gonna

364

00:21:36,320 --> 00:21:34,290

get a t-shirt and you know I get people

365

00:21:41,390 --> 00:21:36,330

all the time I do hey man

366

00:21:44,539 --> 00:21:41,400

sell me a hat nope nope nope nope we've

367

00:21:47,450 --> 00:21:44,549

laid down the law there and that's it

368

00:21:50,870 --> 00:21:47,460

you can only so when you see somebody

369

00:21:52,970 --> 00:21:50,880

wearing a fade to black hat there's only

370

00:21:54,230 --> 00:21:52,980

one way to get it and that's another

371

00:21:56,120 --> 00:21:54,240

fader knot right there

372

00:21:59,240 --> 00:21:56,130

and so that's what you do you go up and

373

00:22:00,680 --> 00:21:59,250

go to dude I'm a fader not that's what

374

00:22:03,169 --> 00:22:00,690

you do that's what they're there for

375

00:22:04,549 --> 00:22:03,179

okay and you can get it right now go

376

00:22:07,490 --> 00:22:04,559

over to our membership check a

377

00:22:09,080 --> 00:22:07,500

membership section become a failure not

378

00:22:11,990 --> 00:22:09,090

let's get this show crackin

379

00:22:17,660 --> 00:22:12,000

right now happy birthday to today Chris

380

00:22:20,210 --> 00:22:17,670

O'Donnell is 48 years old and he didn't

381

00:22:22,820 --> 00:22:20,220

make the cut for playing Robin in the

382

00:22:25,250 --> 00:22:22,830

Batman films and I know that's what

383

00:22:28,900 --> 00:22:25,260

you're thinking right now he made the

384

00:22:32,390 --> 00:22:28,910

cut because of scent of a woman

385

00:22:33,890 --> 00:22:32,400

yeah you probably didn't know that see I

386

00:22:36,440 --> 00:22:33,900

know these things and I share the

387

00:22:39,260 --> 00:22:36,450

knowledge it's really that simple

388

00:22:43,520 --> 00:22:39,270

hey John that's a really cool shot of

389

00:22:45,740 --> 00:22:43,530

now I just retweeted that there's that's

390

00:22:48,890 --> 00:22:45,750

John part of John's gear he's got all of

391

00:22:51,470 --> 00:22:48,900

it that's the new fade to black shirts

392

00:22:53,120 --> 00:22:51,480

right and there ah that's autographed

393

00:22:55,430 --> 00:22:53,130

he's got the autographed hat too as well

394

00:22:58,220 --> 00:22:55,440

that's the new when you renew your

395

00:23:00,410 --> 00:22:58,230

subscription you get this version of the

396

00:23:00,830 --> 00:23:00,420

shirt that's the new one that's really

397

00:23:03,830 --> 00:23:00,840

cool

398

00:23:07,670 --> 00:23:03,840

and yeah man

399

00:23:13,130 --> 00:23:07,680

pretty cool gear collection era John on

400

00:23:14,780 --> 00:23:13,140

this day in history OTD 1956 one of the

401
00:23:17,990 --> 00:23:14,790
biggest days in the United States

402
00:23:21,140 --> 00:23:18,000
history because I'm in this day in 1956

403
00:23:25,340 --> 00:23:21,150
Congress approves the Federal Highway

404
00:23:31,310 --> 00:23:25,350
Act which allocates more than 30 billion

405
00:23:34,670 --> 00:23:31,320
ducks for the construction of 41,000

406
00:23:39,830 --> 00:23:34,680
miles of Interstate Highways that's

407
00:23:42,740 --> 00:23:39,840
right roadside attractions yep there

408
00:23:44,900 --> 00:23:42,750
wouldn't be any Cracker Barrel if it

409
00:23:47,660 --> 00:23:44,910
wasn't for the federal highway Act it

410
00:23:52,150 --> 00:23:47,670
was it was the largest public

411
00:23:55,400 --> 00:23:52,160
construction project in US history now

412
00:23:59,780 --> 00:23:55,410
what we had the courtroom scene sent him

413
00:24:00,970 --> 00:23:59,790

a woman that's really good this is the

414

00:24:06,440 --> 00:24:00,980

deal with that

415

00:24:08,210 --> 00:24:06,450

think about what it did not only to

416

00:24:11,570 --> 00:24:08,220

connect the country but to unite

417

00:24:15,650 --> 00:24:11,580

families the station wagons right

418

00:24:19,660 --> 00:24:15,660

driving summer vacations Christmas

419

00:24:22,120 --> 00:24:19,670

vacations driving across the country

420

00:24:24,250 --> 00:24:22,130

with six kids

421

00:24:26,260 --> 00:24:24,260

in the back of a station wagon without

422

00:24:29,260 --> 00:24:26,270

seatbelts thrown stuff out the back

423

00:24:34,180 --> 00:24:29,270

window that was those were the days and

424

00:24:35,710 --> 00:24:34,190

that's what happened on this day in 1956

425

00:24:38,650 --> 00:24:35,720

now we got to do it all over again

426

00:24:42,970 --> 00:24:38,660

really it means to be another federal

427

00:24:45,520 --> 00:24:42,980

highway act and we just need new

428

00:24:48,850 --> 00:24:45,530

highways just rebuild them I wonder what

429

00:24:50,740 --> 00:24:48,860

it would cost today in the US dollars in

430

00:24:53,500 --> 00:24:50,750

in today's dollars I wonder with that

431

00:24:55,060 --> 00:24:53,510

somebody posts that up or waffle houses

432

00:25:03,100 --> 00:24:55,070

yeah you're right about that

433

00:25:07,540 --> 00:25:03,110

IPD you're absolutely or pilots or what

434

00:25:12,130 --> 00:25:07,550

loves those truck stops so in u.s.

435

00:25:15,340 --> 00:25:12,140

dollars from 1956 to 2018 30 billion to

436

00:25:18,180 --> 00:25:15,350

do 41,000 miles back then what would it

437

00:25:21,040 --> 00:25:18,190

cost in today's dollars

438

00:25:31,150 --> 00:25:21,050

finally OTD before I was born

439

00:25:33,880 --> 00:25:31,160

nice Karen so Karen did you did you tour

440

00:25:35,860 --> 00:25:33,890

did you vacation in the back of a

441

00:25:38,620 --> 00:25:35,870

station wagon without seat belts with

442

00:25:43,330 --> 00:25:38,630

your brothers and sisters man those for

443

00:25:46,300 --> 00:25:43,340

the day's unbelievable fader fact now

444

00:25:48,450 --> 00:25:46,310

this goes hand in hand with our show

445

00:25:51,250 --> 00:25:48,460

tonight I'm going to talk to Jason about

446

00:25:53,890 --> 00:25:51,260

tonight's fader fact and also my rant

447

00:25:59,320 --> 00:25:53,900

which I've got to get to now but fader

448

00:26:04,750 --> 00:25:59,330

fact one in three children one in three

449

00:26:12,460 --> 00:26:04,760

children today can use a tablet before

450

00:26:15,100 --> 00:26:12,470

they can speak think about that yeah one

451
00:26:16,720 --> 00:26:15,110
in three tonight Jason Lube is here

452
00:26:19,260 --> 00:26:16,730
we're gonna talk technology all night

453
00:26:22,240 --> 00:26:19,270
long tomorrow night I'm introducing you

454
00:26:23,530 --> 00:26:22,250
to Tracy Garbett that will be tomorrow

455
00:26:25,930 --> 00:26:23,540
night Thursday night's another failure

456
00:26:29,650 --> 00:26:25,940
tonight open lines all night long Jon

457
00:26:33,520 --> 00:26:29,660
Rappoport is back on the road well here

458
00:26:36,490 --> 00:26:33,530
we go day right now my rant tonight

459
00:26:42,970 --> 00:26:36,500
needs a shot of this coffee

460
00:26:45,280 --> 00:26:42,980
I also miss hitting it being able to sit

461
00:26:47,730 --> 00:26:45,290
in the back of a pickup and having the

462
00:26:50,350 --> 00:26:47,740
wind blowing on you yeah you probably

463
00:26:51,190 --> 00:26:50,360

probably can't do that today that's in

464

00:26:54,850 --> 00:26:51,200

the chat room

465

00:26:56,710 --> 00:26:54,860

that's from Catalina in the chapel can

466

00:26:57,880 --> 00:26:56,720

you do that can be right around on the

467

00:27:01,210 --> 00:26:57,890

back of a pickup truck

468

00:27:05,800 --> 00:27:01,220

probably in the South anyway at least

469

00:27:09,490 --> 00:27:05,810

eight AT&T facilities across the United

470

00:27:12,220 --> 00:27:09,500

States provide the NSA with data

471

00:27:15,790 --> 00:27:12,230

essential to spy on internet and phone

472

00:27:18,400 --> 00:27:15,800

traffic across the globe US according to

473

00:27:21,160 --> 00:27:18,410

the intercept and their report that was

474

00:27:26,220 --> 00:27:21,170

published today adding that the agency

475

00:27:28,660 --> 00:27:26,230

called AT&T a trusted siliceous partner

476

00:27:30,210 --> 00:27:28,670

for over 30 years Dallas pays

477

00:27:33,820 --> 00:27:30,220

multinational telecommunications

478

00:27:36,070 --> 00:27:33,830

conglomerate AT&T has provided us

479

00:27:38,710 --> 00:27:36,080

intelligence with private data of its

480

00:27:42,960 --> 00:27:38,720

customers through a specially designed

481

00:27:45,370 --> 00:27:42,970

surveillance program called Fairview

482

00:27:47,680 --> 00:27:45,380

after the first reports of the secret

483

00:27:49,080 --> 00:27:47,690

program Cerf is back in 2013 and I

484

00:27:51,100 --> 00:27:49,090

talked about it on this program

485

00:27:53,530 --> 00:27:51,110

following the revelations of

486

00:27:55,480 --> 00:27:53,540

whistleblower Edward Snowden the

487

00:27:58,330 --> 00:27:55,490

intercept has managed to identify at

488

00:28:01,180 --> 00:27:58,340

least eight AT&T sites that transmit

489

00:28:04,930 --> 00:28:01,190

billions of private messages chat

490

00:28:09,190 --> 00:28:04,940

history and phone calls to the US

491

00:28:11,860 --> 00:28:09,200

government now I'm quoting here AT&T is

492

00:28:15,040 --> 00:28:11,870

the only company involved in fairview

493

00:28:18,640 --> 00:28:15,050

which was first established in 1985

494

00:28:20,220 --> 00:28:18,650

according to NSA documents and involves

495

00:28:22,510 --> 00:28:20,230

tapping into international

496

00:28:25,240 --> 00:28:22,520

telecommunications cables routers and

497

00:28:26,650 --> 00:28:25,250

switches the publication's said all of

498

00:28:28,990 --> 00:28:26,660

this after conducting a thorough

499

00:28:32,530 --> 00:28:29,000

investigation of public records secret

500

00:28:35,410 --> 00:28:32,540

NSA records and witness testimony now

501
00:28:38,350 --> 00:28:35,420
while other physical locations may be

502
00:28:41,020 --> 00:28:38,360
involved in the fairview program the

503
00:28:44,290 --> 00:28:41,030
investigation identified 18 t's backbone

504
00:28:49,870 --> 00:28:44,300
and peering facilities in Atlanta

505
00:28:53,710 --> 00:28:49,880
Chicago Dallas Los Angeles New York Sam

506
00:28:57,460 --> 00:28:53,720
Cisco Seattle and Washington DC and all

507
00:29:02,409 --> 00:28:57,470
of them are hidden in plain sight

508
00:29:04,419 --> 00:29:02,419
in addition to ATT customers the u.s.

509
00:29:07,000 --> 00:29:04,429
Jain also reportedly jeopardized the

510
00:29:09,640 --> 00:29:07,010
privacy of other telecom providers they

511
00:29:14,590 --> 00:29:09,650
use the company's service node routing

512
00:29:16,510 --> 00:29:14,600
complexes refer to as peering sites they

513
00:29:20,289 --> 00:29:16,520

include us-based telecommunications

514

00:29:23,230 --> 00:29:20,299

giant sprint and cognate communications

515

00:29:27,880 --> 00:29:23,240

in addition to Sweden's Thalia India's

516

00:29:31,960 --> 00:29:27,890

Tata Communications Tata and Italy's

517

00:29:35,940 --> 00:29:31,970

Telecom Italia Germany's Dutch telecom

518

00:29:38,080 --> 00:29:35,950

and now check this out with the internet

519

00:29:40,390 --> 00:29:38,090

originating back in the United States

520

00:29:42,430 --> 00:29:40,400

and 1970s in the global outreach of

521

00:29:44,230 --> 00:29:42,440

local tech companies major part of

522

00:29:45,909 --> 00:29:44,240

international data and communications

523

00:29:49,750 --> 00:29:45,919

traffic is currently routed through the

524

00:29:53,350 --> 00:29:49,760

u.s. America's geographical position

525

00:29:56,529 --> 00:29:53,360

that's right everything funnels through

526
00:29:58,510 --> 00:29:56,539
here now it also helps that the United

527
00:30:00,190 --> 00:29:58,520
States is smack dab in the middle of

528
00:30:04,539 --> 00:30:00,200
what well

529
00:30:07,779 --> 00:30:04,549
Europe the Middle East in Asia that's

530
00:30:10,539 --> 00:30:07,789
right everything runs through here now

531
00:30:12,399 --> 00:30:10,549
the NSA possesses vast legal powers to

532
00:30:14,740 --> 00:30:12,409
snoop on emails phone calls and other

533
00:30:16,840 --> 00:30:14,750
communications passing through the US as

534
00:30:18,850 --> 00:30:16,850
well as making American tech companies

535
00:30:20,770 --> 00:30:18,860
install surveillance Hardware in their

536
00:30:22,480 --> 00:30:20,780
networks and carrying out these

537
00:30:25,870 --> 00:30:22,490
activities the agency draws from

538
00:30:28,330 --> 00:30:25,880

executive order one two three three

539

00:30:29,950 --> 00:30:28,340

three which was introduced during Ronald

540

00:30:33,659 --> 00:30:29,960

Reagan's time in office back in the

541

00:30:36,010 --> 00:30:33,669

1980s it allowed the NSA to monitor all

542

00:30:38,830 --> 00:30:36,020

communications which originate and

543

00:30:43,450 --> 00:30:38,840

terminate in foreign countries but

544

00:30:45,880 --> 00:30:43,460

travel through the United States the 8th

545

00:30:49,060 --> 00:30:45,890

nuclear blast resistant windowless

546

00:30:51,730 --> 00:30:49,070

facilities offer the NSA common backbone

547

00:30:53,980 --> 00:30:51,740

admission to raw user data that passes

548

00:30:57,340 --> 00:30:53,990

through the network which includes web

549

00:30:59,710 --> 00:30:57,350

browsing social media queries other

550

00:31:01,810 --> 00:30:59,720

forms of online and phone activity and

551
00:31:03,289 --> 00:31:01,820
in addition the US company has around

552
00:31:07,389 --> 00:31:03,299
nineteen thousand five

553
00:31:10,899 --> 00:31:07,399
500 points of presence in 149 countries

554
00:31:16,340 --> 00:31:10,909
which helped the NSA monitor online

555
00:31:19,129 --> 00:31:16,350
activity again I'm gonna quote here the

556
00:31:21,489 --> 00:31:19,139
data exchange between AT&T and other

557
00:31:25,039 --> 00:31:21,499
networks initially takes place outside

558
00:31:27,169 --> 00:31:25,049
AT&T z' control at third-party data

559
00:31:30,259 --> 00:31:27,179
centers that are owned and operated by

560
00:31:33,680 --> 00:31:30,269
companies such as California's Equinox

561
00:31:37,789 --> 00:31:33,690
but the data is then routed in whole or

562
00:31:43,279 --> 00:31:37,799
in part through 8 AT&T buildings where

563
00:31:43,849 --> 00:31:43,289

the NSA taps into all of it it's pretty

564

00:31:48,529 --> 00:31:43,859

crazy

565

00:31:52,789 --> 00:31:48,539

now I've got the addresses of all eight

566

00:31:56,599 --> 00:31:52,799

buildings I have personally seen too

567

00:32:00,460 --> 00:31:56,609

I've got the addresses for all eight and

568

00:32:05,330 --> 00:32:00,470

it's almost worth traveling the country

569

00:32:09,499 --> 00:32:05,340

to go look to walk inside how would you

570

00:32:12,229 --> 00:32:09,509

like to be able to now the AT&T Center

571

00:32:15,590 --> 00:32:12,239

in Manhattan it's a very famous building

572

00:32:18,320 --> 00:32:15,600

and I can guarantee you it's a very fact

573

00:32:20,119 --> 00:32:18,330

they use it for all kinds of things but

574

00:32:22,899 --> 00:32:20,129

I guarantee you you go up to that front

575

00:32:26,299 --> 00:32:22,909

door turn around look at the street

576
00:32:28,399 --> 00:32:26,309
you're gonna see snoops you're gonna see

577
00:32:29,899 --> 00:32:28,409
crazy cars you're gonna see people going

578
00:32:33,580 --> 00:32:29,909
in and out of that building that will

579
00:32:38,720 --> 00:32:33,590
scare the crap out of you real spies

580
00:32:40,879 --> 00:32:38,730
real spooks real snoops think about that

581
00:32:44,989 --> 00:32:40,889
at eight different cities across the

582
00:32:48,950 --> 00:32:44,999
United States every all of you know when

583
00:32:51,409 --> 00:32:48,960
you think about you know Dallas and in

584
00:32:55,099 --> 00:32:51,419
Manhattan and Los Angeles in Seattle

585
00:32:59,599 --> 00:32:55,109
right you think about these these points

586
00:33:02,710 --> 00:32:59,609
and that all of your data all of it all

587
00:33:06,979 --> 00:33:02,720
of it goes through those eight buildings

588
00:33:09,529 --> 00:33:06,989

every text it's crazy it's absolutely

589

00:33:11,029 --> 00:33:09,539

nuts I'll have more on this later on

590

00:33:12,859 --> 00:33:11,039

tonight and I'll be discussing this with

591

00:33:16,549 --> 00:33:12,869

Jason because we're gonna talk

592

00:33:17,300 --> 00:33:16,559

technology all night long this is fade

593

00:33:18,980 --> 00:33:17,310

to black

594

00:33:21,500 --> 00:33:18,990

our guest tonight is Jason louvre

595

00:33:23,150 --> 00:33:21,510

tomorrow night Tracy Garbett is going to

596

00:33:25,970 --> 00:33:23,160

be here getting her introduction to the

597

00:33:29,660 --> 00:33:25,980

world and of course Thursday night is

598

00:33:33,230 --> 00:33:29,670

another fader night but Jon Rappoport is

599

00:33:35,540 --> 00:33:33,240

on the road he's doing research he'll be

600

00:33:38,420 --> 00:33:35,550

back with us next Thursday but tonight

601
00:33:40,670 --> 00:33:38,430
is Jason Liu this is fade to black I am

602
00:33:43,490 --> 00:33:40,680
your host Jimmy Church it's going to be

603
00:33:46,430 --> 00:33:43,500
an amazing amazing conversation tonight

604
00:33:50,150 --> 00:33:46,440
you can follow me on twitter at JD Radio

605
00:33:53,440 --> 00:33:50,160
email is Jimmy at Jimmy Church radio

606
00:34:24,190 --> 00:33:53,450
calm I'll be right back stay with me

607
00:34:27,750 --> 00:34:27,230
you're listening to Jimmy Church fade to

608
00:34:30,610 --> 00:34:27,760
black

609
00:34:33,350 --> 00:34:30,620
[Music]

610
00:34:37,300 --> 00:34:33,360
fade to black will now pause for a

611
00:34:47,480 --> 00:34:45,200
K GRA radio when you take the beams from

612
00:34:50,060 --> 00:34:47,490
Central America with dashes of

613
00:34:52,460 --> 00:34:50,070

indonesian and african mixed in and then

614

00:34:55,310 --> 00:34:52,470

roasted to the dark side of fade to

615

00:34:58,460 --> 00:34:55,320

black you create the ultimate brew of

616

00:35:02,210 --> 00:34:58,470

fringe introducing the fade to black

617

00:35:04,820 --> 00:35:02,220

blend from river moon coffee yes River

618

00:35:07,820 --> 00:35:04,830

moons darkest customized roast was

619

00:35:10,850 --> 00:35:07,830

created for the love of fade to black

620

00:35:13,490 --> 00:35:10,860

the alchemy of masterful roasting and

621

00:35:17,090 --> 00:35:13,500

smoking the beans is in every sip of

622

00:35:20,060 --> 00:35:17,100

this full-bodied dark Java I need my

623

00:35:21,950 --> 00:35:20,070

coffee doc deep with distinct

624

00:35:25,130 --> 00:35:21,960

bittersweet chocolate highlights just

625

00:35:27,530 --> 00:35:25,140

like the bunker leaning further into the

626

00:35:30,830 --> 00:35:27,540

darkness of the roast is fade to black

627

00:35:32,480 --> 00:35:30,840

blend from river moon coffee just click

628

00:35:35,780 --> 00:35:32,490

on the banner at Jimmy Church radio.com

629

00:35:40,840 --> 00:35:35,790

and use the promo code F to B blend for

630

00:35:43,700 --> 00:35:40,850

15% off of your order today gobekli tepe

631

00:35:45,710 --> 00:35:43,710

what can I say about the most popular

632

00:35:48,140 --> 00:35:45,720

tea on the Internet and what a customers

633

00:35:52,340 --> 00:35:48,150

say about life change to eat and get the

634

00:35:55,040 --> 00:35:52,350

tea calm a lot but by federal law we get

635

00:35:57,500 --> 00:35:55,050

the tea DICOM cannot make claims to how

636

00:35:59,510 --> 00:35:57,510

this product can enhance your health we

637

00:36:02,240 --> 00:35:59,520

cannot even post our testimonies without

638

00:36:04,760 --> 00:36:02,250

being in compliance so how do we get

639

00:36:07,010 --> 00:36:04,770

past the hump try our products that get

640

00:36:10,520 --> 00:36:07,020

the tea calm and see for yourself

641

00:36:12,310 --> 00:36:10,530

you can send us a testimony but we just

642

00:36:16,280 --> 00:36:12,320

can't post it bumper

643

00:36:17,930 --> 00:36:16,290

our products are GMO free and organic we

644

00:36:20,330 --> 00:36:17,940

pride ourselves in being the best we can

645

00:36:23,390 --> 00:36:20,340

be and we urge you to take charge of

646

00:36:25,250 --> 00:36:23,400

your health we're loving your strong and

647

00:36:27,290 --> 00:36:25,260

many of our customers have shared their

648

00:36:30,200 --> 00:36:27,300

successes with friends and family

649

00:36:33,760 --> 00:36:30,210

protect your colon log on to get the tea

650

00:36:39,970 --> 00:36:33,770

calm let's get the t-dot-com

651
00:36:45,970 --> 00:36:39,980
get the t.com get t-dot-com nine out of

652
00:36:51,310 --> 00:36:45,980
ten geneticists agreed fade to black

653
00:36:54,670 --> 00:36:51,320
is not your father's radio show on the

654
00:37:01,870 --> 00:36:54,680
game changer of radio network and kgr a

655
00:37:03,640 --> 00:37:01,880
the planet Katy RA this summer tickets

656
00:37:05,830 --> 00:37:03,650
and hotel accommodations to the biggest

657
00:37:08,050 --> 00:37:05,840
conferences autograph books and DVDs

658
00:37:10,060 --> 00:37:08,060
chances to win all-inclusive conference

659
00:37:13,420 --> 00:37:10,070
cruises and private dinners with your

660
00:37:16,390 --> 00:37:13,430
favorite KCRA hosts click the contest

661
00:37:19,120 --> 00:37:16,400
tab @k GRA radio.com for your chance to

662
00:37:21,220 --> 00:37:19,130
win big this summer your contact for the

663
00:37:25,890 --> 00:37:21,230

best alternative talk radio on the

664

00:37:30,380 --> 00:37:27,610

[Music]

665

00:37:32,030 --> 00:37:30,390

hi this is Rob Reiner from anvil and

666

00:37:37,400 --> 00:37:32,040

you're listening to Jimmy Church

667

00:37:54,600 --> 00:37:37,410

radio.com what open comments and we're

668

00:37:59,530 --> 00:37:56,740

all right welcome back pay the black

669

00:38:04,530 --> 00:37:59,540

army Osumi church on the game-changer

670

00:38:09,530 --> 00:38:06,600

changing the world that's what we do

671

00:38:12,060 --> 00:38:09,540

here we gather knowledge and share it

672

00:38:16,110 --> 00:38:12,070

want to remind everybody tomorrow night

673

00:38:17,250 --> 00:38:16,120

I'm introducing Tracy Garvin to you get

674

00:38:19,470 --> 00:38:17,260

ready for that it's going to be an

675

00:38:21,240 --> 00:38:19,480

amazing show Thursday night is open

676

00:38:24,450 --> 00:38:21,250

lines all night long taking your phone

677

00:38:26,880 --> 00:38:24,460

calls it is fader night tonight Jason

678

00:38:29,510 --> 00:38:26,890

Lube is back with us I'm very excited

679

00:38:32,730 --> 00:38:29,520

about this show I discussed these

680

00:38:37,320 --> 00:38:32,740

subjects about not only technology and

681

00:38:39,960 --> 00:38:37,330

AR in AI in parallel worlds and and what

682

00:38:43,160 --> 00:38:39,970

Silicon Valley is is doing with all of

683

00:38:45,630 --> 00:38:43,170

that to help science prove some of these

684

00:38:47,640 --> 00:38:45,640

fantastical things that were only

685

00:38:49,170 --> 00:38:47,650

science fiction just a short while ago

686

00:38:51,210 --> 00:38:49,180

today a science fact

687

00:38:53,640 --> 00:38:51,220

well Jason is the author of eight books

688

00:38:57,720 --> 00:38:53,650

including John Dean the Empire of Angels

689

00:38:59,490 --> 00:38:57,730

generation hex and the psychic Bible and

690

00:39:01,560 --> 00:38:59,500

as a journalist he has covered

691

00:39:03,720 --> 00:39:01,570

surveillance international trade and the

692

00:39:06,780 --> 00:39:03,730

dark side of technology for vice news

693

00:39:10,020 --> 00:39:06,790

Boeing Boeing motherboard and many more

694

00:39:11,850 --> 00:39:10,030

and as a futurist and strategist he has

695

00:39:14,580 --> 00:39:11,860

worked on Buzz Aldrin's international

696

00:39:17,280 --> 00:39:14,590

campaign to colonize Mars and Google's

697

00:39:19,470 --> 00:39:17,290

artificial intelligence program tonight

698

00:39:21,810 --> 00:39:19,480

we're gonna discuss how technology has

699

00:39:24,150 --> 00:39:21,820

taken over our lives how this tech will

700

00:39:26,640 --> 00:39:24,160

affect our future and what we can do to

701

00:39:30,060 --> 00:39:26,650

preserve our individual thought and

702

00:39:33,390 --> 00:39:30,070

actions big brother is watching and I

703

00:39:36,480 --> 00:39:33,400

would like to welcome watch I like to

704

00:39:39,090 --> 00:39:36,490

watch Jason Louv back to the program

705

00:39:41,250 --> 00:39:39,100

Jason good evening hey Jamie thanks for

706

00:39:43,980 --> 00:39:41,260

having me back on it's really good to

707

00:39:46,770 --> 00:39:43,990

hear your voice my friend and I don't

708

00:39:50,400 --> 00:39:46,780

know we're gonna start off here Jason I

709

00:39:52,830 --> 00:39:50,410

don't know if you caught my rant at the

710

00:39:57,740 --> 00:39:52,840

beginning of the show but every program

711

00:40:01,950 --> 00:39:57,750

every night I do a fader fact right and

712

00:40:04,650 --> 00:40:01,960

in that I try to bring something that is

713

00:40:08,450 --> 00:40:04,660

nearly unbelievable but vetted and

714

00:40:14,190 --> 00:40:08,460

tonight's fader fact for you was this

715

00:40:18,599 --> 00:40:14,200

one in three children today can use a

716

00:40:22,260 --> 00:40:18,609

tablet before they learn to speak

717

00:40:25,180 --> 00:40:22,270

now if that isn't an indication of

718

00:40:31,810 --> 00:40:25,190

things I'm speechless about that days is

719

00:40:35,170 --> 00:40:31,820

that unbelievable that's I'm busier

720

00:40:37,530 --> 00:40:35,180

it doesn't surprise me it is a

721

00:40:41,640 --> 00:40:37,540

frightening of a fact as I can present

722

00:40:44,260 --> 00:40:41,650

but it doesn't surprise me I'm sure that

723

00:40:45,790 --> 00:40:44,270

you're you're thinking things right now

724

00:40:47,740 --> 00:40:45,800

what what goes through your head when

725

00:40:49,660 --> 00:40:47,750

you hear something like that I'm just

726

00:40:51,700 --> 00:40:49,670

wondering if they can learn how to order

727

00:40:54,720 --> 00:40:51,710

on Amazon Prime before they can speak

728

00:41:00,970 --> 00:40:54,730

run up their parent's credit card tab I

729

00:41:03,280 --> 00:41:00,980

did a story I did a story it was about I

730

00:41:06,880 --> 00:41:03,290

don't know maybe six months a year ago

731

00:41:09,670 --> 00:41:06,890

is this mom is just getting this crazy

732

00:41:12,730 --> 00:41:09,680

stuff delivered to her house right it

733

00:41:16,540 --> 00:41:12,740

was just like weird stuff then it turned

734

00:41:19,770 --> 00:41:16,550

out her four-year-old son was ordering

735

00:41:23,589 --> 00:41:19,780

off of Amazon and got her credit card

736

00:41:25,900 --> 00:41:23,599

right and and was just the stuff that he

737

00:41:29,890 --> 00:41:25,910

was seeing on teeth just as you know

738

00:41:32,470 --> 00:41:29,900

these weird packages and and there you

739

00:41:34,510 --> 00:41:32,480

go yeah yeah I wouldn't doubt it I

740

00:41:36,460 --> 00:41:34,520

wonder if he could speak that's too

741

00:41:40,270 --> 00:41:36,470

funny well of course the first thing

742

00:41:42,370 --> 00:41:40,280

that I think of it obviously is I wonder

743

00:41:45,070 --> 00:41:42,380

if people have done scientific studies

744

00:41:47,620 --> 00:41:45,080

on what that does to brain development I

745

00:41:50,170 --> 00:41:47,630

don't think you know somebody who grows

746

00:41:52,420 --> 00:41:50,180

up living in the virtual world and

747

00:41:54,520 --> 00:41:52,430

interacting with tablets is not gonna

748

00:41:56,829 --> 00:41:54,530

develop the same way as somebody who

749

00:41:59,320 --> 00:41:56,839

grows up reading books or even just

750

00:42:00,790 --> 00:41:59,330

watching TV anything so I'm curious if

751

00:42:02,650 --> 00:42:00,800

there's any scientific literature on

752

00:42:05,320 --> 00:42:02,660

that that would be my first question and

753

00:42:07,450 --> 00:42:05,330

and talking about Google and their AI

754

00:42:09,880 --> 00:42:07,460

which we're gonna discuss later on in

755

00:42:13,890 --> 00:42:09,890

the program but back to children and

756

00:42:19,030 --> 00:42:13,900

tablets one of the big big moneymakers

757

00:42:22,000 --> 00:42:19,040

for YouTube is YouTube for kids right

758

00:42:24,359 --> 00:42:22,010

and where these parents are giving their

759

00:42:28,750 --> 00:42:24,369

kids a tablet putting that sucker on

760

00:42:30,820 --> 00:42:28,760

autoplay and letting it rip and these

761

00:42:31,330 --> 00:42:30,830

kids are just and they don't know the

762

00:42:33,880 --> 00:42:31,340

parents

763

00:42:38,340 --> 00:42:33,890

in the other room or whatever doing

764

00:42:41,680 --> 00:42:38,350

their thing and whatever automated AI

765

00:42:43,390 --> 00:42:41,690

choices are coming up and end you know

766

00:42:45,100 --> 00:42:43,400

what I'm talking about right Google will

767

00:42:46,570 --> 00:42:45,110

see yeah yeah of course the algorithm

768

00:42:48,280 --> 00:42:46,580

right of course I'm sure it's gonna be

769

00:42:50,800 --> 00:42:48,290

crazy stuff but then at the same time

770

00:42:53,860 --> 00:42:50,810

you have to I don't know I think about

771

00:42:55,510 --> 00:42:53,870

back to the 80s when you know when when

772

00:42:57,640 --> 00:42:55,520

kids were growing up before the eighties

773

00:42:59,920 --> 00:42:57,650

watching cartoons they were just at the

774

00:43:01,960 --> 00:42:59,930

mercy of the network so I don't know if

775

00:43:03,790 --> 00:43:01,970

it was that too much different and of

776

00:43:06,070 --> 00:43:03,800

course these things can seem sinister

777

00:43:08,110 --> 00:43:06,080

there are aspects of them which are

778

00:43:10,030 --> 00:43:08,120

phenomenally sinister but that's always

779

00:43:12,060 --> 00:43:10,040

been the case for new technologies and

780

00:43:15,400 --> 00:43:12,070

new technologies have always been

781

00:43:19,180 --> 00:43:15,410

resisted so for me as a futurist I feel

782

00:43:21,010 --> 00:43:19,190

that it's kind of part of my job to look

783

00:43:23,590 --> 00:43:21,020

at the dark side of technology

784

00:43:26,020 --> 00:43:23,600

particularly now as we just walk openly

785

00:43:27,610 --> 00:43:26,030

into the technological age and I think

786

00:43:30,700 --> 00:43:27,620

that people are more aware of that now

787

00:43:32,770 --> 00:43:30,710

particularly with the extent of the

788

00:43:34,570 --> 00:43:32,780

manipulation of Facebook in the 2016

789

00:43:37,540 --> 00:43:34,580

election and that and that type of thing

790

00:43:39,070 --> 00:43:37,550

but I've also not a pessimist about

791

00:43:41,350 --> 00:43:39,080

technology I think the technology

792

00:43:43,060 --> 00:43:41,360

especially a lot of the new technologies

793

00:43:46,150 --> 00:43:43,070

coming down the pipeline are gonna be

794

00:43:48,370 --> 00:43:46,160

the best chance to solve our problems as

795

00:43:50,950 --> 00:43:48,380

a species I think that it's far more

796

00:43:51,930 --> 00:43:50,960

likely that we're gonna get fixes for

797

00:43:54,040 --> 00:43:51,940

things like

798

00:43:56,950 --> 00:43:54,050

environmental degradation or space

799

00:43:59,680 --> 00:43:56,960

travel from frankly from the tech world

800

00:44:02,430 --> 00:43:59,690

and from private industry then we're

801
00:44:04,540 --> 00:44:02,440
gonna get them from government so

802
00:44:06,940 --> 00:44:04,550
hopefully we'll get them from both

803
00:44:08,410 --> 00:44:06,950
working in tandem but you know I'm an

804
00:44:08,890 --> 00:44:08,420
optimist and pessimist about these

805
00:44:12,430 --> 00:44:08,900
things

806
00:44:16,540 --> 00:44:12,440
well back in 1995 you know which is a

807
00:44:19,810 --> 00:44:16,550
pretty pivotal year because of not only

808
00:44:24,220 --> 00:44:19,820
how the internet you know where we went

809
00:44:28,600 --> 00:44:24,230
from you know laptops started to surface

810
00:44:33,610 --> 00:44:28,610
we had PCMCIA modems right 14-4 modems

811
00:44:37,930 --> 00:44:33,620
and PCMCIA cards and an AOL floppy disk

812
00:44:40,150 --> 00:44:37,940
and AOL CDs and and how that you know in

813
00:44:43,090 --> 00:44:40,160

19 right that was the era when it took

814

00:44:45,100 --> 00:44:43,100

50 minutes to download one grainy scan

815

00:44:48,460 --> 00:44:45,110

of a Sports Illustrated Swimsuit Issue

816

00:44:50,860 --> 00:44:48,470

yeah man those were the days you waited

817

00:44:52,380 --> 00:44:50,870

man and you waited you paid for it by

818

00:44:58,030 --> 00:44:52,390

the minute

819

00:45:00,990 --> 00:44:58,040

you waited but how innocent were we back

820

00:45:05,080 --> 00:45:01,000

then not only with us as individuals but

821

00:45:07,810 --> 00:45:05,090

corporations all the way from water

822

00:45:12,450 --> 00:45:07,820

treatment plants and electricity to food

823

00:45:15,520 --> 00:45:12,460

distribution and brick-and-mortar stores

824

00:45:18,640 --> 00:45:15,530

everything was different just 20 short

825

00:45:20,710 --> 00:45:18,650

years ago and the internet maybe where

826

00:45:24,820 --> 00:45:20,720

we go for entertainment and in our news

827

00:45:26,680 --> 00:45:24,830

today but it also runs the world in 20

828

00:45:30,070 --> 00:45:26,690

short years everything has been

829

00:45:31,690 --> 00:45:30,080

integrated into the internet yeah

830

00:45:33,160 --> 00:45:31,700

absolutely and it's interesting you

831

00:45:34,810 --> 00:45:33,170

bring up you know 20 years ago we're

832

00:45:37,870 --> 00:45:34,820

certainly in the 90s when the World Wide

833

00:45:39,910 --> 00:45:37,880

Web was first rolling out to the public

834

00:45:42,220 --> 00:45:39,920

there was the rhetoric that this is

835

00:45:44,350 --> 00:45:42,230

gonna create a global village this is

836

00:45:46,210 --> 00:45:44,360

gonna bring everyone together and that

837

00:45:48,310 --> 00:45:46,220

certainly happened but you know it's

838

00:45:49,810 --> 00:45:48,320

that village is like people running

839

00:45:52,540 --> 00:45:49,820

around throwing throwing Molotov

840

00:45:55,900 --> 00:45:52,550

cocktails houses burning down everyone's

841

00:45:57,820 --> 00:45:55,910

screaming you know random things in the

842

00:46:00,460 --> 00:45:57,830

street you know hate groups running

843

00:46:02,560 --> 00:46:00,470

around it's what we live in a connected

844

00:46:04,090 --> 00:46:02,570

world now but now we have to deal with

845

00:46:06,430 --> 00:46:04,100

the fact that we're all actually

846

00:46:09,220 --> 00:46:06,440

connected to each other and human beings

847

00:46:10,330 --> 00:46:09,230

are kind of terrifying so it's one of

848

00:46:14,950 --> 00:46:10,340

those be careful what you wish for

849

00:46:18,940 --> 00:46:14,960

things the that part of it which I'm

850

00:46:23,110 --> 00:46:18,950

fascinated with in that the innocence of

851
00:46:26,350 --> 00:46:23,120
AOL you know 1.0 1.1 1.2 in the activity

852
00:46:29,470 --> 00:46:26,360
of what was going on then versus today

853
00:46:31,870 --> 00:46:29,480
it's like something was activated in our

854
00:46:36,400 --> 00:46:31,880
DNA that was always there this

855
00:46:40,330 --> 00:46:36,410
fragmenting this of you know us versus

856
00:46:43,780 --> 00:46:40,340
them and the the fighting and the

857
00:46:46,240 --> 00:46:43,790
infighting and the the verbage you know

858
00:46:50,560 --> 00:46:46,250
trolling is one thing but you could have

859
00:46:52,360 --> 00:46:50,570
two friends two friends go at it that

860
00:46:54,190 --> 00:46:52,370
may have never gone at it before and

861
00:46:56,350 --> 00:46:54,200
certainly not in public or when they're

862
00:46:57,470 --> 00:46:56,360
over at somebody's house for dinner but

863
00:47:00,200 --> 00:46:57,480

the Internet has

864

00:47:02,150 --> 00:47:00,210

has brought this out of everybody is it

865

00:47:05,330 --> 00:47:02,160

because like you just said right you

866

00:47:07,070 --> 00:47:05,340

know people are just bad do you know

867

00:47:10,310 --> 00:47:07,080

who's the big new Pierzynski is of

868

00:47:13,640 --> 00:47:10,320

course so just the boiler of course for

869

00:47:15,560 --> 00:47:13,650

for listeners so Brzezinski was I

870

00:47:17,570 --> 00:47:15,570

believe the foreign policy advisor to

871

00:47:22,570 --> 00:47:17,580

Jimmy Carter and also was a mentor to

872

00:47:24,620 --> 00:47:22,580

Barack Obama and was a geopolitical

873

00:47:27,830 --> 00:47:24,630

strategist also the father of Micah

874

00:47:30,410 --> 00:47:27,840

Brzezinski in the 60s he wrote I believe

875

00:47:33,859 --> 00:47:30,420

his doctoral dissertation which was

876

00:47:35,930 --> 00:47:33,869

called between two worlds and he talks

877

00:47:39,109 --> 00:47:35,940

about the effect that technology is

878

00:47:41,270 --> 00:47:39,119

going to have for the world he talks

879

00:47:45,050 --> 00:47:41,280

about that there's going to be a global

880

00:47:46,910 --> 00:47:45,060

brain and the technology will allow

881

00:47:48,590 --> 00:47:46,920

people to think as one species but

882

00:47:51,740 --> 00:47:48,600

there's also a famous line in there

883

00:47:54,230 --> 00:47:51,750

which I've used multiple times and in

884

00:47:55,910 --> 00:47:54,240

Thaksin and my writing where he says

885

00:47:58,700 --> 00:47:55,920

that you know the instantaneous in

886

00:48:01,430 --> 00:47:58,710

electronic intermeshing of humanity will

887

00:48:04,580 --> 00:48:01,440

lead to strain social fabric and total

888

00:48:07,099 --> 00:48:04,590

social breakdown and he wrote that I

889

00:48:10,280 --> 00:48:07,109

think in 1968 it's an incredibly

890

00:48:13,250 --> 00:48:10,290

prescient sentence the idea that

891

00:48:15,920 --> 00:48:13,260

technology brings us all a little bit

892

00:48:17,570 --> 00:48:15,930

too close together and I think you're

893

00:48:18,830 --> 00:48:17,580

right there is something in and I don't

894

00:48:20,900 --> 00:48:18,840

I don't know what it is but there is

895

00:48:23,300 --> 00:48:20,910

something inherently competitive about

896

00:48:25,460 --> 00:48:23,310

communications technology that was the

897

00:48:27,260 --> 00:48:25,470

case of the 90s even with Usenet with

898

00:48:28,820 --> 00:48:27,270

news groups there were these epic flame

899

00:48:31,490 --> 00:48:28,830

wars that's that was the first time that

900

00:48:33,800 --> 00:48:31,500

started and of course when Facebook and

901
00:48:36,830 --> 00:48:33,810
social media brought that to the the

902
00:48:38,780 --> 00:48:36,840
masses that was part of it but looked I

903
00:48:41,330 --> 00:48:38,790
mean I'm not sure we can blame

904
00:48:43,820 --> 00:48:41,340
technology because combat is part of in

905
00:48:45,620 --> 00:48:43,830
war and an aggression is part of the

906
00:48:47,330 --> 00:48:45,630
human experience you know it says dude

907
00:48:49,099 --> 00:48:47,340
there's been war on this planet every

908
00:48:51,740 --> 00:48:49,109
year since the beginning of the human

909
00:48:53,859 --> 00:48:51,750
species right so it's we're just seeing

910
00:48:56,120 --> 00:48:53,869
ourselves in it and I think that as

911
00:48:58,940 --> 00:48:56,130
particularly as Mark Zuckerberg

912
00:49:00,740 --> 00:48:58,950
continues azúcar Bergin gates continue

913
00:49:03,440 --> 00:49:00,750

their efforts to give the entire planet

914

00:49:05,090 --> 00:49:03,450

connected what we're seeing is more and

915

00:49:07,609 --> 00:49:05,100

more and more people coming online

916

00:49:10,310 --> 00:49:07,619

people who are have been

917

00:49:11,210 --> 00:49:10,320

underrepresented people who haven't had

918

00:49:13,250 --> 00:49:11,220

to say

919

00:49:14,750 --> 00:49:13,260

in the 90s in the mid-90s when the

920

00:49:15,950 --> 00:49:14,760

internet first started the people who

921

00:49:19,430 --> 00:49:15,960

were just on the internet were

922

00:49:22,069 --> 00:49:19,440

California and hippies and you know acid

923

00:49:23,930 --> 00:49:22,079

heads and people who were fascinated

924

00:49:26,599 --> 00:49:23,940

with a Liberatore potential of the

925

00:49:29,359 --> 00:49:26,609

technology and you know I love that

926
00:49:31,670 --> 00:49:29,369
those are my people but there they were

927
00:49:33,440 --> 00:49:31,680
also to be fair projecting their own

928
00:49:35,359 --> 00:49:33,450
wishful thinking about what they thought

929
00:49:37,910 --> 00:49:35,369
the internet would be on to the Internet

930
00:49:39,980 --> 00:49:37,920
the reality has been that the Internet

931
00:49:41,420 --> 00:49:39,990
has allowed everything to come it you

932
00:49:44,300 --> 00:49:41,430
know it's just become another layer of

933
00:49:45,500 --> 00:49:44,310
the human experience and you know I

934
00:49:48,470 --> 00:49:45,510
think one of the things we saw in the

935
00:49:52,430 --> 00:49:48,480
Trump election is the ability of people

936
00:49:55,329 --> 00:49:52,440
who have been felt who have felt shut

937
00:49:59,230 --> 00:49:55,339
out of the media to use social media to

938
00:50:05,510 --> 00:49:59,240

manipulate the discourse tremendously

939

00:50:08,450 --> 00:50:05,520

effectively and and how blindsided the

940

00:50:10,910 --> 00:50:08,460

political establishment was by that so

941

00:50:12,589 --> 00:50:10,920

and I think that that's only going to

942

00:50:14,960 --> 00:50:12,599

accelerate because what we're gonna see

943

00:50:16,849 --> 00:50:14,970

happening now is everyone's gonna be on

944

00:50:18,589 --> 00:50:16,859

the internet you know people in villages

945

00:50:20,660 --> 00:50:18,599

in the third world in Africa or India

946

00:50:22,490 --> 00:50:20,670

are gonna be on the internet with their

947

00:50:25,130 --> 00:50:22,500

with smartphones that they're gonna be

948

00:50:26,960 --> 00:50:25,140

charging off of you know solar-powered

949

00:50:29,599 --> 00:50:26,970

you know solar dishes and that type of

950

00:50:32,059 --> 00:50:29,609

thing mm-hmm and when that happens we

951
00:50:33,319 --> 00:50:32,069
have no conception of how that's going

952
00:50:35,240 --> 00:50:33,329
to change the Internet when the entire

953
00:50:38,630 --> 00:50:35,250
world is on Facebook and it's a couple

954
00:50:41,120 --> 00:50:38,640
billion already you know that that is

955
00:50:45,740 --> 00:50:41,130
going to you know reality is going to

956
00:50:48,440 --> 00:50:45,750
continue to fractal eyes and become and

957
00:50:51,589 --> 00:50:48,450
just break down in a sense but I also

958
00:50:55,670 --> 00:50:51,599
think you know in the 90s and in the

959
00:50:57,770 --> 00:50:55,680
2000s the whole utopian idea was that

960
00:51:00,020 --> 00:50:57,780
humanity would be brought together and

961
00:51:01,849 --> 00:51:00,030
that's happening and so I have to keep

962
00:51:03,980 --> 00:51:01,859
that in mind and of course there's gonna

963
00:51:05,510 --> 00:51:03,990

be chaos and rocky bits along the road

964

00:51:06,980 --> 00:51:05,520

because people are messy there's you

965

00:51:08,720 --> 00:51:06,990

know there's nothing inherently good or

966

00:51:11,180 --> 00:51:08,730

bad about people they're just chaotic

967

00:51:13,430 --> 00:51:11,190

and messy so this is what the whole

968

00:51:17,170 --> 00:51:13,440

world being brought together looks like

969

00:51:20,720 --> 00:51:19,520

learn how to interact with each other

970

00:51:23,170 --> 00:51:20,730

and learn how to deal with each other

971

00:51:25,360 --> 00:51:23,180

and deal with people from radically

972

00:51:28,120 --> 00:51:25,370

walks of life and the only thing that

973

00:51:30,700 --> 00:51:28,130

I'm concerned about in that regard is

974

00:51:32,260 --> 00:51:30,710

the algorithms themselves because the

975

00:51:35,440 --> 00:51:32,270

way that facebook is constructed their

976

00:51:38,620 --> 00:51:35,450

algorithms in Google it's that it's it's

977

00:51:40,330 --> 00:51:38,630

to keep people in tunnels where they're

978

00:51:42,360 --> 00:51:40,340

only seeing the information that they

979

00:51:44,590 --> 00:51:42,370

want to see so in that sense that's the

980

00:51:45,940 --> 00:51:44,600

antithetical to the idea of really

981

00:51:47,710 --> 00:51:45,950

everyone together I understand why

982

00:51:49,570 --> 00:51:47,720

they've done it and they have to do it

983

00:51:52,930 --> 00:51:49,580

for to maintain a good user experience

984

00:51:55,510 --> 00:51:52,940

and keep people on their site but yeah

985

00:51:57,940 --> 00:51:55,520

that's going there's a lot of there's a

986

00:52:00,190 --> 00:51:57,950

lot in play here well are we still on

987

00:52:02,620 --> 00:52:00,200

the safe side when it comes to the

988

00:52:04,900 --> 00:52:02,630

internet and technology and information

989

00:52:11,050 --> 00:52:04,910

are we still on the safe side of entropy

990

00:52:14,770 --> 00:52:11,060

in that is the internet going to end in

991

00:52:18,760 --> 00:52:14,780

chaos and break apart and and explode

992

00:52:21,610 --> 00:52:18,770

into little bitty pieces of nothing like

993

00:52:25,990 --> 00:52:21,620

everything else I don't think so

994

00:52:27,400 --> 00:52:26,000

because what we're seeing now what we're

995

00:52:31,090 --> 00:52:27,410

seeing now particularly as machine

996

00:52:35,020 --> 00:52:31,100

learning becomes more advanced is an Big

997

00:52:37,420 --> 00:52:35,030

Data is these technologies are getting

998

00:52:39,840 --> 00:52:37,430

better and better at processing and

999

00:52:42,730 --> 00:52:39,850

sorting gigantic amounts of information

1000

00:52:43,900 --> 00:52:42,740

and also as processor speed gets better

1001
00:52:47,770 --> 00:52:43,910
with things like better and better

1002
00:52:52,090 --> 00:52:47,780
graphics cards what we're gonna start

1003
00:52:54,910 --> 00:52:52,100
seeing within the next 10 years is a

1004
00:52:56,800 --> 00:52:54,920
eyes making sense and making structure

1005
00:52:58,810 --> 00:52:56,810
out of the internet you know I think I

1006
00:53:00,460 --> 00:52:58,820
think it's very clear that that's that's

1007
00:53:02,950 --> 00:53:00,470
what's going to happen now of course

1008
00:53:05,080 --> 00:53:02,960
those a eyes are very likely going to be

1009
00:53:07,450 --> 00:53:05,090
in the control of all the the usual

1010
00:53:08,380 --> 00:53:07,460
suspects the the big tech players but

1011
00:53:11,920 --> 00:53:08,390
they're all they're will very likely

1012
00:53:13,450 --> 00:53:11,930
also be ones created by individuals or

1013
00:53:14,920 --> 00:53:13,460

small groups or startups things like

1014

00:53:17,620 --> 00:53:14,930

that there's gonna be thousands of a

1015

00:53:20,500 --> 00:53:17,630

eyes running around the internet but

1016

00:53:22,450 --> 00:53:20,510

what we're doing as a species is zooming

1017

00:53:25,240 --> 00:53:22,460

out I think that's the best metaphor of

1018

00:53:27,790 --> 00:53:25,250

it if you think about you know like a

1019

00:53:31,180 --> 00:53:27,800

like but also like through a fly's eye a

1020

00:53:33,970 --> 00:53:31,190

fly lens you know where a fly's eye has

1021

00:53:36,490 --> 00:53:33,980

you know thousands of little hexagonal

1022

00:53:38,290 --> 00:53:36,500

compartments but imagine that's your

1023

00:53:40,030 --> 00:53:38,300

my lens in your zooming out zooming out

1024

00:53:42,040 --> 00:53:40,040

zooming out on that and you're learning

1025

00:53:45,130 --> 00:53:42,050

how to process more and more and more

1026
00:53:48,100 --> 00:53:45,140
information all the time and that's been

1027
00:53:49,270 --> 00:53:48,110
happening insanely quickly since well

1028
00:53:51,040 --> 00:53:49,280
the whole of human history but

1029
00:53:53,350 --> 00:53:51,050
particularly since the dawn of the world

1030
00:53:55,150 --> 00:53:53,360
wide web when you think about when the

1031
00:53:57,220 --> 00:53:55,160
web first started you think about Lycos

1032
00:53:58,870 --> 00:53:57,230
and Geocities and stuff like that now we

1033
00:54:02,130 --> 00:53:58,880
have a eyes and big data and machine

1034
00:54:05,140 --> 00:54:02,140
learning and VR and all of this and

1035
00:54:07,600 --> 00:54:05,150
humanity is getting better and better at

1036
00:54:09,370 --> 00:54:07,610
processing more and more information and

1037
00:54:13,660 --> 00:54:09,380
that's great one of the things that

1038
00:54:16,540 --> 00:54:13,670

Timothy Leary said in the 80s is if you

1039

00:54:18,790 --> 00:54:16,550

want to get more intelligent learn to

1040

00:54:21,100 --> 00:54:18,800

consume more and more information as

1041

00:54:23,860 --> 00:54:21,110

much as possible and from more and more

1042

00:54:26,010 --> 00:54:23,870

a few points that you don't agree with

1043

00:54:28,930 --> 00:54:26,020

that you normally wouldn't look into

1044

00:54:31,060 --> 00:54:28,940

that's how human beings get smarter and

1045

00:54:32,560 --> 00:54:31,070

it's also how how AI gets smarter it's

1046

00:54:35,140 --> 00:54:32,570

how machine learning gets smarter by

1047

00:54:37,840 --> 00:54:35,150

processing more information so I'm an

1048

00:54:39,730 --> 00:54:37,850

optimist I think that we're we're I mean

1049

00:54:41,350 --> 00:54:39,740

even a basic example is look at

1050

00:54:42,910 --> 00:54:41,360

something like at a very very basic

1051

00:54:45,010 --> 00:54:42,920

level and this is now very old

1052

00:54:46,990 --> 00:54:45,020

technology but look at something like

1053

00:54:49,000 --> 00:54:47,000

reddit you know read it's been around

1054

00:54:50,920 --> 00:54:49,010

for more than 10 years but look at how

1055

00:54:53,860 --> 00:54:50,930

the up voting system and reddit has

1056

00:54:57,160 --> 00:54:53,870

allowed people to better process and

1057

00:55:00,550 --> 00:54:57,170

sort good information from bad you know

1058

00:55:04,570 --> 00:55:00,560

if it's used correctly so yeah the sort

1059

00:55:07,060 --> 00:55:04,580

the sort happens for you and that and

1060

00:55:08,670 --> 00:55:07,070

and you know and especially the larger

1061

00:55:12,160 --> 00:55:08,680

the number they're going to be able to

1062

00:55:14,170 --> 00:55:12,170

well discernment as part of it but the

1063

00:55:16,300 --> 00:55:14,180

bad information is not going to you know

1064

00:55:20,440 --> 00:55:16,310

filter through it's it's going to get

1065

00:55:23,170 --> 00:55:20,450

down voted and and the the real stuff

1066

00:55:23,950 --> 00:55:23,180

will tend to to come through I agree

1067

00:55:26,650 --> 00:55:23,960

with you there

1068

00:55:31,840 --> 00:55:26,660

but there's another part of it for me

1069

00:55:33,970 --> 00:55:31,850

that I think is and it's more biological

1070

00:55:37,900 --> 00:55:33,980

that is even more frightening is that

1071

00:55:40,750 --> 00:55:37,910

we're using our brains less okay we're

1072

00:55:44,020 --> 00:55:40,760

depending on everything else to do the

1073

00:55:46,390 --> 00:55:44,030

thinking for us so the exercise of the

1074

00:55:49,120 --> 00:55:46,400

brain and the development of the brain

1075

00:55:49,750 --> 00:55:49,130

is starting to go backwards and for the

1076

00:55:53,140 --> 00:55:49,760

first

1077

00:55:55,570 --> 00:55:53,150

in in history our brains are smaller

1078

00:55:58,120 --> 00:55:55,580

today than they used to be physically

1079

00:56:01,180 --> 00:55:58,130

and that just is that true yeah that's

1080

00:56:04,810 --> 00:56:01,190

true that's true yeah I don't I don't I

1081

00:56:06,700 --> 00:56:04,820

don't dissing phone well but but what

1082

00:56:09,010 --> 00:56:06,710

was the what was the source of that and

1083

00:56:12,340 --> 00:56:09,020

is that a causation and correlation or

1084

00:56:14,380 --> 00:56:12,350

correlation yeah and and and so in the

1085

00:56:16,750 --> 00:56:14,390

white paper and I'll send it to you okay

1086

00:56:19,510 --> 00:56:16,760

so you can check it out

1087

00:56:21,970 --> 00:56:19,520

it it what it stated is this we

1088

00:56:24,250 --> 00:56:21,980

exercised we exercised our right we

1089

00:56:25,750 --> 00:56:24,260

remembered numbers we remembered faces

1090

00:56:29,140 --> 00:56:25,760

remembered facts we remember

1091

00:56:31,120 --> 00:56:29,150

conversations we we didn't have the

1092

00:56:36,460 --> 00:56:31,130

ability to have everything else think

1093

00:56:38,290 --> 00:56:36,470

for us today if you want to find a

1094

00:56:40,120 --> 00:56:38,300

location for something you look it up

1095

00:56:42,640 --> 00:56:40,130

you don't even learn the directions the

1096

00:56:46,930 --> 00:56:42,650

directions are given to you right but

1097

00:56:49,600 --> 00:56:46,940

whatever it is you go and and find the

1098

00:56:51,760 --> 00:56:49,610

information you don't actually go and

1099

00:56:54,400 --> 00:56:51,770

get it and store it and remember it it's

1100

00:56:57,190 --> 00:56:54,410

all given to you and it's that way

1101
00:57:00,430 --> 00:56:57,200
across the board it's that way in school

1102
00:57:02,950 --> 00:57:00,440
today everything is taught everything is

1103
00:57:06,790 --> 00:57:02,960
taught on a laptop or a tablet today

1104
00:57:09,510 --> 00:57:06,800
I mean it's every student nobody today

1105
00:57:12,550 --> 00:57:09,520
they don't even teach writing in school

1106
00:57:14,290 --> 00:57:12,560
you know that's that's oh and when my

1107
00:57:19,960 --> 00:57:14,300
daughters went through that they can

1108
00:57:22,090 --> 00:57:19,970
barely write today well you know and and

1109
00:57:24,210 --> 00:57:22,100
so think about that so the development

1110
00:57:27,430 --> 00:57:24,220
of the brain doesn't have to develop

1111
00:57:30,430 --> 00:57:27,440
right and that's the other scary part

1112
00:57:32,410 --> 00:57:30,440
here where are we going to be are we

1113
00:57:36,640 --> 00:57:32,420

gonna plug into our brains in a hundred

1114

00:57:38,770 --> 00:57:36,650

years right right I mean this touches on

1115

00:57:40,840 --> 00:57:38,780

a broader issue also which is the idea

1116

00:57:42,630 --> 00:57:40,850

of automation which is particularly

1117

00:57:45,340 --> 00:57:42,640

within the next ten years

1118

00:57:49,720 --> 00:57:45,350

most of what human beings have been

1119

00:57:52,090 --> 00:57:49,730

necessary had been necessary to fulfill

1120

00:57:54,430 --> 00:57:52,100

will be fulfilled by machines whether

1121

00:57:57,550 --> 00:57:54,440

that's physical machines or algorithms

1122

00:58:00,610 --> 00:57:57,560

or a eyes I mean we're looking at at

1123

00:58:02,930 --> 00:58:00,620

least 50 percent potentially as high as

1124

00:58:05,690 --> 00:58:02,940

80 or 90 percent structural and

1125

00:58:06,710 --> 00:58:05,700

employment once AI really starts rolling

1126

00:58:08,510 --> 00:58:06,720

out

1127

00:58:10,579 --> 00:58:08,520

I mean we're quickly getting into a

1128

00:58:13,359 --> 00:58:10,589

future where humans just aren't gonna be

1129

00:58:15,680 --> 00:58:13,369

necessary or at least that's the view of

1130

00:58:18,020 --> 00:58:15,690

certainly the view of you know the

1131

00:58:20,870 --> 00:58:18,030

people in power perhaps what do I do

1132

00:58:22,790 --> 00:58:20,880

with all the spare time what did we do

1133

00:58:26,059 --> 00:58:22,800

with that did we just go to school

1134

00:58:26,750 --> 00:58:26,069

vacation or do we differ crochet yeah

1135

00:58:29,780 --> 00:58:26,760

crochet

1136

00:58:31,910 --> 00:58:29,790

well my here's my honest answer a lot of

1137

00:58:34,160 --> 00:58:31,920

this is really the key right because

1138

00:58:37,069 --> 00:58:34,170

let's say okay best-case scenario for

1139

00:58:38,630 --> 00:58:37,079

this is that here's the best-case

1140

00:58:40,040 --> 00:58:38,640

scenario and it's certainly not the only

1141

00:58:44,300 --> 00:58:40,050

way this could you know best-case

1142

00:58:45,490 --> 00:58:44,310

scenario is AI and automation yes causes

1143

00:58:49,010 --> 00:58:45,500

this amount of structural unemployment

1144

00:58:53,300 --> 00:58:49,020

but we also get universal basic income

1145

00:58:54,500 --> 00:58:53,310

and at that point then well I mean let's

1146

00:58:57,050 --> 00:58:54,510

look at this I mean this is what people

1147

00:58:58,819 --> 00:58:57,060

have wanted for hundreds of years nobody

1148

00:59:00,349 --> 00:58:58,829

likes going to their job you know for

1149

00:59:02,390 --> 00:59:00,359

the most part people don't like working

1150

00:59:06,170 --> 00:59:02,400

nobody likes working in fields and

1151

00:59:08,450 --> 00:59:06,180

things like that so and this has been

1152

00:59:10,430 --> 00:59:08,460

the promise of Technology since you know

1153

00:59:12,319 --> 00:59:10,440

certainly since the industrial era since

1154

00:59:14,750 --> 00:59:12,329

the invention of the washing machine

1155

00:59:17,690 --> 00:59:14,760

this type of thing so best-case scenario

1156

00:59:19,819 --> 00:59:17,700

you know in a perfect world would be

1157

00:59:23,559 --> 00:59:19,829

that you know human beings get to

1158

00:59:27,470 --> 00:59:23,569

dedicate their time to artistic pursuits

1159

00:59:29,720 --> 00:59:27,480

spirituality meditation all the finer

1160

00:59:31,339 --> 00:59:29,730

parts of being alive socializing

1161

00:59:33,530 --> 00:59:31,349

interacting with their families and

1162

00:59:36,620 --> 00:59:33,540

their extended families forming social

1163

00:59:39,559 --> 00:59:36,630

groups enjoying life I mean that would

1164

00:59:42,410 --> 00:59:39,569

be great that said that's such a

1165

00:59:45,290 --> 00:59:42,420

gigantic shock for Humanity to go into

1166

00:59:48,130 --> 00:59:45,300

suddenly not having a role and we know

1167

00:59:51,470 --> 00:59:48,140

that when people feel like they're not

1168

00:59:53,150 --> 00:59:51,480

important and that we know that when

1169

00:59:55,339 --> 00:59:53,160

people when meaning is taken away from

1170

00:59:57,290 --> 00:59:55,349

people that their life no longer means

1171

00:59:58,849 --> 00:59:57,300

anything that that's kind of the worst

1172

01:00:00,620 --> 00:59:58,859

thing you can do to somebody it's

1173

01:00:02,510 --> 01:00:00,630

certainly worse than physical pain

1174

01:00:05,300 --> 01:00:02,520

she looks certainly worse than suffering

1175

01:00:07,880 --> 01:00:05,310

human beings can rationalize and cope

1176

01:00:09,770 --> 01:00:07,890

with almost any level of suffering as

1177

01:00:11,960 --> 01:00:09,780

long as that it means something to them

1178

01:00:14,320 --> 01:00:11,970

and they can cut as long as it's

1179

01:00:16,750 --> 01:00:14,330

meaningful in the sense that they can

1180

01:00:19,510 --> 01:00:16,760

have a story about why it's happened and

1181

01:00:21,820 --> 01:00:19,520

why it's necessary human beings are very

1182

01:00:23,770 --> 01:00:21,830

very good at constructing meaning for

1183

01:00:25,750 --> 01:00:23,780

themselves and for other people but if

1184

01:00:27,520 --> 01:00:25,760

you take that away and then you say well

1185

01:00:30,790 --> 01:00:27,530

you know humans are just biomass

1186

01:00:34,360 --> 01:00:30,800

essentially you know my great fear is

1187

01:00:36,340 --> 01:00:34,370

the 21st century could be a century of

1188

01:00:38,500 --> 01:00:36,350

rolling genocides and if you're the

1189

01:00:41,590 --> 01:00:38,510

worst beginning to see the the start of

1190

01:00:43,180 --> 01:00:41,600

it right now frankly with some of the

1191

01:00:45,430 --> 01:00:43,190

things that are happening in America and

1192

01:00:49,120 --> 01:00:45,440

happening at the border and also in

1193

01:00:50,500 --> 01:00:49,130

Europe well you know there's a I've got

1194

01:00:52,060 --> 01:00:50,510

to take a break here but there's another

1195

01:00:54,670 --> 01:00:52,070

thought that comes to mind with all of

1196

01:00:57,520 --> 01:00:54,680

that you know so you get called into the

1197

01:00:58,930 --> 01:00:57,530

boss's office right okay you've been

1198

01:01:01,930 --> 01:00:58,940

replaced by a robot

1199

01:01:04,600 --> 01:01:01,940

what the good news is you get to keep

1200

01:01:07,330 --> 01:01:04,610

your money we're gonna keep hanging you

1201

01:01:09,520 --> 01:01:07,340

but but you're free you can leave I

1202

01:01:12,940 --> 01:01:09,530

don't want to leave I like my job

1203

01:01:14,800 --> 01:01:12,950

no what am I gonna do to go learn to

1204

01:01:18,420 --> 01:01:14,810

paint I don't want to learn the pain I

1205

01:01:21,040 --> 01:01:18,430

like what I do here what do you mean and

1206

01:01:24,520 --> 01:01:21,050

you're taking away just like you said

1207

01:01:28,660 --> 01:01:24,530

somebody's you know meaning you know

1208

01:01:31,750 --> 01:01:28,670

they enjoy and suddenly the other part

1209

01:01:35,200 --> 01:01:31,760

yeah okay spirituality meditation the

1210

01:01:37,630 --> 01:01:35,210

arts traveling seeing the world going

1211

01:01:40,630 --> 01:01:37,640

back to school learning you know that

1212

01:01:42,760 --> 01:01:40,640

that will only last for so long but the

1213

01:01:49,450 --> 01:01:42,770

other part is it gives you more time to

1214

01:01:51,580 --> 01:01:49,460

surf the net you know I think about it

1215

01:01:54,400 --> 01:01:51,590

it's pretty bizarre now you brought up

1216

01:01:55,750 --> 01:01:54,410

some numbers and I want to go back to

1217

01:01:59,050 --> 01:01:55,760

this because we're gonna talk about this

1218

01:02:02,800 --> 01:01:59,060

moment we come back I I did a report

1219

01:02:07,560 --> 01:02:02,810

last month now went and gathered all of

1220

01:02:11,590 --> 01:02:07,570

the numbers for Facebook Google and

1221

01:02:16,300 --> 01:02:11,600

YouTube the big three between the three

1222

01:02:19,770 --> 01:02:16,310

of them they tap into exactly half of

1223

01:02:23,700 --> 01:02:19,780

the world's population half right half

1224

01:02:26,960 --> 01:02:23,710

three and a half billion people every

1225

01:02:30,950 --> 01:02:26,970

single day on this planet

1226

01:02:33,590 --> 01:02:30,960

visit one of those three sites now and

1227

01:02:36,470 --> 01:02:33,600

then while they are on one of the three

1228

01:02:38,780 --> 01:02:36,480

and a half billion right and and and

1229

01:02:41,060 --> 01:02:38,790

then they go through a cycle in that

1230

01:02:42,830 --> 01:02:41,070

they're on Facebook they see a video

1231

01:02:45,290 --> 01:02:42,840

they click on that they go over to

1232

01:02:47,780 --> 01:02:45,300

YouTube it's already inside right of

1233

01:02:49,610 --> 01:02:47,790

Facebook they go over to YouTube they

1234

01:02:51,140 --> 01:02:49,620

watch a YouTube video they see something

1235

01:02:53,720 --> 01:02:51,150

inside of the video they go and they

1236

01:02:56,300 --> 01:02:53,730

search that on Google Google gives them

1237

01:02:58,430 --> 01:02:56,310

a video suggestion they go back to

1238

01:03:01,580 --> 01:02:58,440

YouTube and then go back to to Facebook

1239

01:03:06,370 --> 01:03:01,590

and wrap up the day it's it's the most

1240

01:03:09,770 --> 01:03:06,380

perfect ingenious cycle right this

1241

01:03:13,510 --> 01:03:09,780

money-making clicking machine and and

1242

01:03:17,660 --> 01:03:13,520

they have in a very short what and and

1243

01:03:20,690 --> 01:03:17,670

realistically speaking ten years in ten

1244

01:03:23,390 --> 01:03:20,700

years and and they've done this and if

1245

01:03:25,580 --> 01:03:23,400

you go back 10 years ago and you look at

1246

01:03:27,470 --> 01:03:25,590

the search engines that were around that

1247

01:03:29,720 --> 01:03:27,480

are now running at one percent of the

1248

01:03:32,000 --> 01:03:29,730

Internet today whereas you know Google

1249

01:03:34,820 --> 01:03:32,010

is 80 percent and then go back to things

1250

01:03:40,760 --> 01:03:34,830

like Mozilla you know being who uses

1251

01:03:43,400 --> 01:03:40,770

Bing who uses Bing nobody it's a crazy

1252

01:03:46,970 --> 01:03:43,410

numbers crunching thing and they've got

1253

01:03:48,680 --> 01:03:46,980

it down to the piers of science right

1254

01:03:51,260 --> 01:03:48,690

the other thing also is that all that

1255

01:03:53,780 --> 01:03:51,270

clicking is is training is currently

1256

01:03:56,630 --> 01:03:53,790

training the ai's of these big companies

1257

01:03:58,850 --> 01:03:56,640

so it also serves that function human

1258

01:04:00,440 --> 01:03:58,860

beings anyone interacting with the

1259

01:04:04,310 --> 01:04:00,450

internet right now whether it's Facebook

1260

01:04:06,980 --> 01:04:04,320

Google your Amazon device anything like

1261

01:04:09,880 --> 01:04:06,990

that and you know any time you're online

1262

01:04:11,810 --> 01:04:09,890

your activity is helping to train

1263

01:04:14,270 --> 01:04:11,820

machine learning for these companies

1264

01:04:16,820 --> 01:04:14,280

you're training their a is you know so

1265

01:04:18,410 --> 01:04:16,830

we'll talk about that too yeah we'll

1266

01:04:20,150 --> 01:04:18,420

talk about that when we come back this

1267

01:04:22,370 --> 01:04:20,160

is fade to black I'm your host Jimmy

1268

01:04:25,340 --> 01:04:22,380

church our guest tonight Jason Louvre

1269

01:04:29,900 --> 01:04:25,350

and tonight we are talking technology

1270

01:04:31,850 --> 01:04:29,910

all of it we're gonna do a our AI how it

1271

01:04:33,380 --> 01:04:31,860

controls you today and what is it going

1272

01:04:34,880 --> 01:04:33,390

to do for you in the future you're gonna

1273

01:04:37,700 --> 01:04:34,890

do all of that this is fade to black

1274

01:04:40,450 --> 01:04:37,710

Admirals Timmy Church more we're chasing

1275

01:05:03,079 --> 01:04:40,460

after this short break stay with us

1276

01:05:07,049 --> 01:05:05,160

this is fade to black

1277

01:05:10,740 --> 01:05:07,059

with Jimmy Church on the game changer

1278

01:05:15,210 --> 01:05:10,750

radio network and K GRA the global radio

1279

01:05:18,089 --> 01:05:15,220

Alliance this is K GRA digital

1280

01:05:21,510 --> 01:05:18,099

broadcasting station Salt Lake City Utah

1281

01:05:23,609 --> 01:05:21,520

Van Buren Arkansas does your basement or

1282

01:05:25,380 --> 01:05:23,619

crawlspace have a damp musty smell well

1283

01:05:27,539 --> 01:05:25,390

watch out that's a sign of too much

1284

01:05:29,370 --> 01:05:27,549

moisture and not enough ventilation and

1285

01:05:31,500 --> 01:05:29,380

that can mean increased mold growth and

1286

01:05:33,750 --> 01:05:31,510

the build-up of harmful toxins and gases

1287

01:05:35,910 --> 01:05:33,760

don't bother with a dehumidifier it just

1288

01:05:37,740 --> 01:05:35,920

circulates the same unhealthy air now

1289

01:05:39,569 --> 01:05:37,750

there's a better way to remove these

1290

01:05:41,970 --> 01:05:39,579

dangers and odors it's with the

1291

01:05:43,769 --> 01:05:41,980

computerized wave moisture control unit

1292

01:05:45,390 --> 01:05:43,779

that reduces moisture and expels

1293

01:05:47,400 --> 01:05:45,400

pollutants we replaced our old

1294

01:05:49,680 --> 01:05:47,410

dehumidifier with the wave unit and in

1295

01:05:51,420 --> 01:05:49,690

only three weeks our basement is dry and

1296

01:05:53,430 --> 01:05:51,430

the musty smell is gone

1297

01:05:55,829 --> 01:05:53,440

wave units require no maintenance no

1298

01:05:58,019 --> 01:05:55,839

buckets of water or filters and costs

1299

01:06:00,180 --> 01:05:58,029

only pennies a day to run breathe better

1300

01:06:02,579 --> 01:06:00,190

live healthier with an affordable no

1301
01:06:04,950 --> 01:06:02,589
maintenance wave unit call eight eight

1302
01:06:08,279 --> 01:06:04,960
eight seven one seven way eight eight

1303
01:06:14,739 --> 01:06:08,289
eight seven one seven wabe corbett dry

1304
01:06:27,110 --> 01:06:16,900
own solutions

1305
01:06:31,620 --> 01:06:29,760
hi this is Ray sobs here reppin the

1306
01:06:34,620 --> 01:06:31,630
planet and you're listening to my good

1307
01:06:37,170 --> 01:06:34,630
friend Jimmy Church fade to black

1308
01:06:41,730 --> 01:06:37,180
on the GameChanger network and the kgr a

1309
01:06:43,890 --> 01:06:41,740
digital broadcast station this is Toby

1310
01:07:06,810 --> 01:06:43,900
Kebbell you're listening to Jimmy Church

1311
01:07:10,950 --> 01:07:06,820
radio.com revolution ancient life oil

1312
01:07:13,620 --> 01:07:10,960
life changing the real oil CBD is truly

1313
01:07:15,930 --> 01:07:13,630

ancient life oil from the source this

1314

01:07:18,930 --> 01:07:15,940

oil has no psychoactive effect and is

1315

01:07:21,330 --> 01:07:18,940

also legal in all 50 states when you're

1316

01:07:23,640 --> 01:07:21,340

healthy you're happy the truth about

1317

01:07:26,940 --> 01:07:23,650

this wonderful plant is that it wants to

1318

01:07:30,060 --> 01:07:26,950

give back to mankind life longevity and

1319

01:07:32,880 --> 01:07:30,070

happiness ancient life oil are golden

1320

01:07:35,280 --> 01:07:32,890

gray all organic non-gmo and infused

1321

01:07:38,010 --> 01:07:35,290

with high-quality liquid coconut oil

1322

01:07:41,370 --> 01:07:38,020

it's simple just go to ancient life oil

1323

01:07:45,240 --> 01:07:41,380

dot-com today that's ancient life oil

1324

01:07:49,400 --> 01:07:45,250

dot-com the best purest organic and

1325

01:07:51,270 --> 01:07:49,410

non-gmo CBD in the world gobekli tepe

1326

01:07:52,620 --> 01:07:51,280

the statements made regarding these

1327

01:07:53,760 --> 01:07:52,630

products have not been evaluated by the

1328

01:07:54,960 --> 01:07:53,770

Food and Drug Administration these

1329

01:07:56,910 --> 01:07:54,970

products are not intended to diagnose

1330

01:07:58,140 --> 01:07:56,920

treat cure or prevent any disease please

1331

01:07:59,610 --> 01:07:58,150

consult your health care professional

1332

01:08:01,560 --> 01:07:59,620

about potential interactions or other

1333

01:08:03,210 --> 01:08:01,570

possible complications before using any

1334

01:08:05,010 --> 01:08:03,220

product this is Micah Hanks of the

1335

01:08:07,410 --> 01:08:05,020

graylien report and you're listening to

1336

01:08:09,270 --> 01:08:07,420

Jimmy church on fade to black across the

1337

01:08:11,910 --> 01:08:09,280

globe on the game-changer radio network

1338

01:08:12,780 --> 01:08:11,920

and the one and only kgr a radio the

1339

01:08:32,789 --> 01:08:12,790

planet

1340

01:08:34,990 --> 01:08:32,799

[Music]

1341

01:08:36,910 --> 01:08:35,000

welcome back fade to black come here

1342

01:08:40,530 --> 01:08:36,920

Jimmy Church our guest tonight Jason Liu

1343

01:08:43,809 --> 01:08:40,540

and we are talking tech all of it

1344

01:08:45,490 --> 01:08:43,819

tomorrow night Tracy Garvin gets into

1345

01:08:47,309 --> 01:08:45,500

introduced to the world you're not gonna

1346

01:08:49,689 --> 01:08:47,319

want to miss that show tomorrow night

1347

01:08:52,300 --> 01:08:49,699

Thursday night will be open lines all

1348

01:08:55,470 --> 01:08:52,310

night long and you know Jason one of

1349

01:08:57,700 --> 01:08:55,480

these nights one of these Fator nights

1350

01:09:00,370 --> 01:08:57,710

you're gonna come in and man the phones

1351

01:09:03,760 --> 01:09:00,380

with me I want you to just just just

1352

01:09:07,899 --> 01:09:03,770

hang out here and and take phone calls I

1353

01:09:10,510 --> 01:09:07,909

would love to have you experience the

1354

01:09:12,519 --> 01:09:10,520

interaction because the questions will

1355

01:09:13,689 --> 01:09:12,529

be just amazing I'm doing my best

1356

01:09:15,340 --> 01:09:13,699

tonight

1357

01:09:17,050 --> 01:09:15,350

for the audience to get these in

1358

01:09:20,140 --> 01:09:17,060

correctly but I think that would be a

1359

01:09:23,229 --> 01:09:20,150

very dynamic evening imitation is open

1360

01:09:28,209 --> 01:09:23,239

so I want to talk to you about AI

1361

01:09:29,530 --> 01:09:28,219

because a couple of weeks ago I'm gonna

1362

01:09:31,359 --> 01:09:29,540

give you the short version of the story

1363

01:09:34,240 --> 01:09:31,369

a couple of weeks ago something happened

1364

01:09:36,399 --> 01:09:34,250

I then went public with it I went

1365

01:09:38,709 --> 01:09:36,409

straight over to coast to coast am and

1366

01:09:40,030 --> 01:09:38,719

and and and told the world about what

1367

01:09:42,220 --> 01:09:40,040

happened I did it here I'm fade to black

1368

01:09:45,249 --> 01:09:42,230

I wrote up an article about it and and

1369

01:09:48,280 --> 01:09:45,259

published that too as well and the

1370

01:09:51,459 --> 01:09:48,290

reactions that I got from everybody was

1371

01:09:52,959 --> 01:09:51,469

astounding and this is what happened

1372

01:09:54,760 --> 01:09:52,969

other words the reaction was yeah it

1373

01:09:55,359 --> 01:09:54,770

happened to me today it happened to me

1374

01:09:58,750 --> 01:09:55,369

yesterday

1375

01:10:02,410 --> 01:09:58,760

and this is what happened let me start

1376

01:10:06,760 --> 01:10:02,420

off with Jason I am NOT a photography

1377

01:10:10,600 --> 01:10:06,770

guy okay I've got a camera on my iPhone

1378

01:10:12,939 --> 01:10:10,610

that's good enough okay I don't I don't

1379

01:10:14,919 --> 01:10:12,949

shop for cameras I'm not I'm not a

1380

01:10:16,930 --> 01:10:14,929

photography buff I don't have cameras

1381

01:10:19,419 --> 01:10:16,940

I've never clicked on anything on Amazon

1382

01:10:22,330 --> 01:10:19,429

I've never searched for it never done it

1383

01:10:23,500 --> 01:10:22,340

it's just not my gig I'm an audio guy

1384

01:10:26,140 --> 01:10:23,510

you and I talked about that earlier

1385

01:10:30,490 --> 01:10:26,150

right I'm an audio guy okay so that

1386

01:10:33,850 --> 01:10:30,500

being said a friend of mine buys some

1387

01:10:36,399 --> 01:10:33,860

very expensive camera gear video and

1388

01:10:39,220 --> 01:10:36,409

photography gear and some lenses and he

1389

01:10:43,350 --> 01:10:39,230

showed them to me a few weeks ago and

1390

01:10:45,700 --> 01:10:43,360

then I was talking to my AV guy and

1391

01:10:49,930 --> 01:10:45,710

briefly on the phone

1392

01:10:53,590 --> 01:10:49,940

on a Saturday morning briefly told him

1393

01:10:56,680 --> 01:10:53,600

about the gear you know it was a \$10,000

1394

01:10:59,800 --> 01:10:56,690

body with a \$10,000 lens and another

1395

01:11:02,800 --> 01:10:59,810

\$20,000 lens you know 4k thing and and

1396

01:11:07,240 --> 01:11:02,810

and I had this conversation the next day

1397

01:11:09,790 --> 01:11:07,250

on Sunday morning I get up and I'm

1398

01:11:15,970 --> 01:11:09,800

checking the news and you know my myself

1399

01:11:18,220 --> 01:11:15,980

and right there is an ad on the Internet

1400

01:11:23,050 --> 01:11:18,230

not on Facebook yet I didn't get there

1401
01:11:24,790 --> 01:11:23,060
for camera bodies and then and so that

1402
01:11:28,180 --> 01:11:24,800
kind of tripped me out I stopped and I

1403
01:11:30,460 --> 01:11:28,190
thought why would that be there and then

1404
01:11:40,360 --> 01:11:30,470
I jumped to another website and there is

1405
01:11:43,150 --> 01:11:40,370
an ad for a camera lens a lens whoa hold

1406
01:11:45,700 --> 01:11:43,160
on a minute I've never served

1407
01:11:48,700 --> 01:11:45,710
I've never clicked I've never done

1408
01:11:51,250 --> 01:11:48,710
anything in that realm I only had that

1409
01:11:55,090 --> 01:11:51,260
brief three-minute conversation on the

1410
01:11:57,490 --> 01:11:55,100
phone yep that's right yep and and last

1411
01:12:00,010 --> 01:11:57,500
month when Zuckerberg got up in front of

1412
01:12:02,080 --> 01:12:00,020
Congress in the Senate one of the

1413
01:12:04,660 --> 01:12:02,090

representatives said to him I'm sure

1414

01:12:08,260 --> 01:12:04,670

that you caught this but ask him he said

1415

01:12:12,160 --> 01:12:08,270

you know my staff wanted me to ask you

1416

01:12:15,130 --> 01:12:12,170

about their conversations getting heard

1417

01:12:17,910 --> 01:12:15,140

on their phones because what they talk

1418

01:12:20,290 --> 01:12:17,920

about in private is turning up in

1419

01:12:22,120 --> 01:12:20,300

advertising when they know that they

1420

01:12:24,250 --> 01:12:22,130

haven't clicked or done anything they've

1421

01:12:26,860 --> 01:12:24,260

only had these weird conversations and

1422

01:12:30,450 --> 01:12:26,870

this stuff pops up are you listening to

1423

01:12:35,160 --> 01:12:30,460

conversations and using that to tailor

1424

01:12:38,320 --> 01:12:35,170

advertising and Zuckerberg said no oh

1425

01:12:40,510 --> 01:12:38,330

right well that's clearly untrue I think

1426

01:12:43,300 --> 01:12:40,520

that so that's like so yeah the way that

1427

01:12:45,760 --> 01:12:43,310

works by the way is if you want that if

1428

01:12:47,830 --> 01:12:45,770

you I'm fairly certain that if you want

1429

01:12:50,080 --> 01:12:47,840

that to stop happening delete facebook

1430

01:12:51,580 --> 01:12:50,090

Messenger from your phone I believe

1431

01:12:55,150 --> 01:12:51,590

that's the app that has voice

1432

01:12:57,340 --> 01:12:55,160

recognition and and it has all kinds of

1433

01:12:59,080 --> 01:12:57,350

scary stuff in the terms that people

1434

01:13:00,729 --> 01:12:59,090

agree to and they download that

1435

01:13:03,280 --> 01:13:00,739

but not the actual Facebook app or the

1436

01:13:07,180 --> 01:13:03,290

messenger app so but that's fair I mean

1437

01:13:08,859 --> 01:13:07,190

all they have to do is is Minh you turn

1438

01:13:10,810 --> 01:13:08,869

on facebook Messenger you give it access

1439

01:13:12,700 --> 01:13:10,820

to your microphone so that you can call

1440

01:13:15,640 --> 01:13:12,710

people through it you can then turn on

1441

01:13:17,560 --> 01:13:15,650

your microphone it's very easy just to

1442

01:13:20,620 --> 01:13:17,570

get a voice you know voice recognition

1443

01:13:24,760 --> 01:13:20,630

and then the voice recognition voice

1444

01:13:26,169 --> 01:13:24,770

does text can then be looked at by you

1445

01:13:28,930 --> 01:13:26,179

know some type of machine learning thing

1446

01:13:31,870 --> 01:13:28,940

or can can you can trigger certain key

1447

01:13:34,540 --> 01:13:31,880

words and then all that happens is your

1448

01:13:37,359 --> 01:13:34,550

Facebook account is now tagged as having

1449

01:13:39,640 --> 01:13:37,369

an interest in that subject anybody

1450

01:13:41,439 --> 01:13:39,650

including individual Facebook marketers

1451
01:13:43,030 --> 01:13:41,449
not just big companies anybody you can

1452
01:13:46,450 --> 01:13:43,040
get into the backend of Facebook and

1453
01:13:48,459 --> 01:13:46,460
that target people with that interest

1454
01:13:50,290 --> 01:13:48,469
and they can also be retargeted around

1455
01:13:53,589 --> 01:13:50,300
the web because if you have somebody's

1456
01:13:55,800 --> 01:13:53,599
facebook ad or address or accounts you

1457
01:13:58,570 --> 01:13:55,810
very likely had can have access to

1458
01:14:00,520 --> 01:13:58,580
Google their email address things like

1459
01:14:02,830 --> 01:14:00,530
that and then their email can be used to

1460
01:14:06,459 --> 01:14:02,840
target you know Google AdSense will

1461
01:14:08,740 --> 01:14:06,469
target ads to you wherever you go on the

1462
01:14:11,709 --> 01:14:08,750
web because all those ads are run by the

1463
01:14:16,120 --> 01:14:11,719

same system at Google is that about the

1464

01:14:18,160 --> 01:14:16,130

scariest part of this in that the amount

1465

01:14:20,859 --> 01:14:18,170

of data collection through voice

1466

01:14:24,189 --> 01:14:20,869

recognition like that has got to be

1467

01:14:30,580 --> 01:14:24,199

ginormous is it's a ridiculous amount of

1468

01:14:33,370 --> 01:14:30,590

science behind that to use spoken word

1469

01:14:37,780 --> 01:14:33,380

convert the subject matter into a

1470

01:14:41,040 --> 01:14:37,790

general interest in that oh this person

1471

01:14:43,300 --> 01:14:41,050

is going to buy one of these things

1472

01:14:45,370 --> 01:14:43,310

that's right that's right I mean when

1473

01:14:47,470 --> 01:14:45,380

you think about let's talk about the NSA

1474

01:14:49,720 --> 01:14:47,480

you know the NSA it does the same thing

1475

01:14:51,820 --> 01:14:49,730

collects voice data from everywhere all

1476

01:14:53,560 --> 01:14:51,830

over the world and just to store that

1477

01:14:55,570 --> 01:14:53,570

data they have data centers around the

1478

01:14:57,760 --> 01:14:55,580

world one of the most famous is in and

1479

01:15:00,220 --> 01:14:57,770

believe the desert in Utah somewhere or

1480

01:15:02,500 --> 01:15:00,230

Nevada Salt Lake City yes all like say

1481

01:15:04,720 --> 01:15:02,510

okay it's that gigantic data center I

1482

01:15:07,149 --> 01:15:04,730

don't know where where data or Facebook

1483

01:15:09,550 --> 01:15:07,159

and the other ones keep their data but

1484

01:15:11,770 --> 01:15:09,560

you know 10 years ago when people first

1485

01:15:12,850 --> 01:15:11,780

started becoming aware of the level of

1486

01:15:14,740 --> 01:15:12,860

surveillance that was

1487

01:15:17,260 --> 01:15:14,750

possible particularly would be when the

1488

01:15:19,480 --> 01:15:17,270

Snowden thing happened one of the things

1489

01:15:22,150 --> 01:15:19,490

that people were saying was well look

1490

01:15:23,500 --> 01:15:22,160

you know I'm not nobody's okay maybe

1491

01:15:25,180 --> 01:15:23,510

they're doing that but nobody cares

1492

01:15:27,250 --> 01:15:25,190

about me and who's gonna sort through

1493

01:15:29,470 --> 01:15:27,260

all that data anyways they would have to

1494

01:15:31,780 --> 01:15:29,480

pay one person they would like have to

1495

01:15:33,340 --> 01:15:31,790

assign one human being to every human

1496

01:15:34,450 --> 01:15:33,350

being that's being that's on the

1497

01:15:37,060 --> 01:15:34,460

internet it's like he's just not

1498

01:15:39,160 --> 01:15:37,070

possible so the assumption was that it

1499

01:15:41,170 --> 01:15:39,170

was just gonna be unusable data but

1500

01:15:43,180 --> 01:15:41,180

that's no longer the case because with

1501
01:15:47,560 --> 01:15:43,190
graphics cards and machine learning it's

1502
01:15:49,750 --> 01:15:47,570
quite easy to just run an algorithm that

1503
01:15:52,890 --> 01:15:49,760
processes all of that data and then

1504
01:15:55,120 --> 01:15:52,900
comes back with information on

1505
01:15:57,280 --> 01:15:55,130
individuals it can do predictive

1506
01:15:59,860 --> 01:15:57,290
analysis that can do things like the

1507
01:16:01,690 --> 01:15:59,870
movie Minority Report I'm positive that

1508
01:16:03,400 --> 01:16:01,700
there are already machine learning

1509
01:16:04,990 --> 01:16:03,410
learning algorithms that can go through

1510
01:16:07,060 --> 01:16:05,000
all of the collected data on an

1511
01:16:09,670 --> 01:16:07,070
individual and then predict not only

1512
01:16:11,620 --> 01:16:09,680
their future buying patterns but what

1513
01:16:14,020 --> 01:16:11,630

they're how they're likely to vote how

1514

01:16:16,270 --> 01:16:14,030

they're are likely to you know whether

1515

01:16:18,310 --> 01:16:16,280

they're potentially dangerous or not

1516

01:16:21,280 --> 01:16:18,320

you know Google is we're now working on

1517

01:16:22,960 --> 01:16:21,290

a an algorithm that will pretty

1518

01:16:24,940 --> 01:16:22,970

effectively predict when somebody's

1519

01:16:26,800 --> 01:16:24,950

gonna die that can be used for medical

1520

01:16:29,950 --> 01:16:26,810

medical insurance reasons things like

1521

01:16:31,510 --> 01:16:29,960

that so people don't understand people

1522

01:16:33,370 --> 01:16:31,520

really need to understand what's

1523

01:16:35,440 --> 01:16:33,380

happening right now which is that yes

1524

01:16:37,060 --> 01:16:35,450

all okay the thing that people are aware

1525

01:16:39,310 --> 01:16:37,070

of is that all this data has been

1526

01:16:41,080 --> 01:16:39,320

collected well the second thing they

1527

01:16:43,390 --> 01:16:41,090

need to be aware of is that it's going

1528

01:16:45,760 --> 01:16:43,400

to be processed and it can be processed

1529

01:16:51,460 --> 01:16:45,770

not by human beings but by algorithms

1530

01:16:52,960 --> 01:16:51,470

and AIS as they currently exist it's a

1531

01:16:55,000 --> 01:16:52,970

bit of a misnomer because they're not

1532

01:16:57,610 --> 01:16:55,010

actually intelligence is that what a

1533

01:17:00,100 --> 01:16:57,620

eyes are right now are essentially

1534

01:17:02,020 --> 01:17:00,110

algorithms that are possibly are capable

1535

01:17:04,330 --> 01:17:02,030

of processing gigantic amounts of

1536

01:17:05,650 --> 01:17:04,340

information and coming back with useful

1537

01:17:08,890 --> 01:17:05,660

data from it mm-hmm

1538

01:17:11,230 --> 01:17:08,900

and so machine learning algorithms can

1539

01:17:13,330 --> 01:17:11,240

quite it first of all can go through all

1540

01:17:16,870 --> 01:17:13,340

of that and pull out the information

1541

01:17:19,150 --> 01:17:16,880

that the people who own them want very

1542

01:17:20,830 --> 01:17:19,160

quickly and easily even if they're going

1543

01:17:22,990 --> 01:17:20,840

through petabytes and petabytes of

1544

01:17:26,050 --> 01:17:23,000

information you know relatively quickly

1545

01:17:26,350 --> 01:17:26,060

so the other thing is that that amount

1546

01:17:30,310 --> 01:17:26,360

of

1547

01:17:32,050 --> 01:17:30,320

is needed in order to train a is its

1548

01:17:33,760 --> 01:17:32,060

it's no mistake that all this data has

1549

01:17:36,640 --> 01:17:33,770

been collected because that data is

1550

01:17:39,790 --> 01:17:36,650

necessary to train thinking machines

1551

01:17:44,020 --> 01:17:39,800

they need all of that to learn from I

1552

01:17:47,160 --> 01:17:44,030

had a very interesting email I got so

1553

01:17:50,560 --> 01:17:47,170

much of it after I spoke about this and

1554

01:17:55,390 --> 01:17:50,570

one of them I'm gonna paraphrase and and

1555

01:17:59,410 --> 01:17:55,400

and shorten it up but it was a two women

1556

01:18:03,130 --> 01:17:59,420

in a kitchen talking about a distant

1557

01:18:06,940 --> 01:18:03,140

relative who just had a baby okay that's

1558

01:18:10,960 --> 01:18:06,950

that's it nothing that was a direct

1559

01:18:13,510 --> 01:18:10,970

family member but they talked about the

1560

01:18:15,040 --> 01:18:13,520

baby in that it was a girl and and then

1561

01:18:18,550 --> 01:18:15,050

that was it

1562

01:18:22,360 --> 01:18:18,560

but this lady said the next day now and

1563

01:18:25,090 --> 01:18:22,370

and she said very clearly this wasn't a

1564

01:18:26,680 --> 01:18:25,100

direct you know family member it wasn't

1565

01:18:28,540 --> 01:18:26,690

anything that was on the internet it

1566

01:18:30,730 --> 01:18:28,550

wasn't anything that was sent to us or

1567

01:18:33,520 --> 01:18:30,740

anything it was just a very brief

1568

01:18:37,960 --> 01:18:33,530

conversation in the kitchen the next day

1569

01:18:41,140 --> 01:18:37,970

I've got baby girl clothes advertising

1570

01:18:45,010 --> 01:18:41,150

all over right yeah and she said it had

1571

01:18:48,370 --> 01:18:45,020

to have come from either our smart

1572

01:18:50,200 --> 01:18:48,380

television or our smart refrigerator

1573

01:18:52,720 --> 01:18:50,210

that's what they were thinking well yes

1574

01:18:55,180 --> 01:18:52,730

so those are well known to be mass

1575

01:18:57,970 --> 01:18:55,190

particularly Smart TVs or well known to

1576

01:19:00,250 --> 01:18:57,980

be security nightmares right yeah I

1577

01:19:02,620 --> 01:19:00,260

think that the new Xbox also was

1578

01:19:04,690 --> 01:19:02,630

revealed to be to either the Xbox of the

1579

01:19:08,110 --> 01:19:04,700

PlayStation and believe it was the Xbox

1580

01:19:11,500 --> 01:19:08,120

was revealed to be recording 24/7 the

1581

01:19:14,650 --> 01:19:11,510

mic never turns off huh so the whole

1582

01:19:16,330 --> 01:19:14,660

internet of things all of that stuff is

1583

01:19:18,400 --> 01:19:16,340

a security nightmare both for data

1584

01:19:19,780 --> 01:19:18,410

scraping and for for hacking I mean

1585

01:19:22,270 --> 01:19:19,790

there was a story just to give you an

1586

01:19:24,460 --> 01:19:22,280

example there was a story I think a

1587

01:19:27,670 --> 01:19:24,470

couple of months ago where a casino in

1588

01:19:29,920 --> 01:19:27,680

Vegas had their Network hacked and some

1589

01:19:32,200 --> 01:19:29,930

a tremendous amount of money was

1590

01:19:33,460 --> 01:19:32,210

extracted from it I may be getting this

1591

01:19:35,470 --> 01:19:33,470

ROM and this is how I remembering the

1592

01:19:38,230 --> 01:19:35,480

story but this part I'm sure of the way

1593

01:19:39,699 --> 01:19:38,240

that it was done was there was a Wi-Fi

1594

01:19:42,429 --> 01:19:39,709

connected thermometer

1595

01:19:45,669 --> 01:19:42,439

in the aquarium the fish aquarium in the

1596

01:19:47,949 --> 01:19:45,679

lobby of the casino and the hackers just

1597

01:19:50,020 --> 01:19:47,959

like came in with a laptop got into you

1598

01:19:52,089 --> 01:19:50,030

know that was not password protected or

1599

01:19:53,739 --> 01:19:52,099

was flimsily password protected they

1600

01:19:56,229 --> 01:19:53,749

hacked the thermometer and from that

1601
01:19:59,560 --> 01:19:56,239
were able to get into the network of the

1602
01:20:01,239 --> 01:19:59,570
entire casino so people really I mean

1603
01:20:03,069 --> 01:20:01,249
the internet of things as John McAfee

1604
01:20:04,719 --> 01:20:03,079
has pointed out a few times it's just a

1605
01:20:07,149 --> 01:20:04,729
you know it's a disaster waiting to

1606
01:20:09,100 --> 01:20:07,159
happen but yes absolutely and they've

1607
01:20:11,109 --> 01:20:09,110
shown that they've absolutely shown that

1608
01:20:14,169 --> 01:20:11,119
like Samsung Smart TVs and things like

1609
01:20:15,429 --> 01:20:14,179
that have you know allegedly I don't

1610
01:20:17,919 --> 01:20:15,439
want to Sam something to get mad at me

1611
01:20:21,069 --> 01:20:17,929
but uh you know Smart TVs in general

1612
01:20:23,979 --> 01:20:21,079
have you know are listening they're you

1613
01:20:25,929 --> 01:20:23,989

know and it's it's a you know we're

1614

01:20:27,669 --> 01:20:25,939

voluntarily walking into it you know and

1615

01:20:31,000 --> 01:20:27,679

I own smart devices and things like that

1616

01:20:34,569 --> 01:20:31,010

so I've got a lack tape over everything

1617

01:20:37,359 --> 01:20:34,579

now man it's so funny over anything

1618

01:20:38,080 --> 01:20:37,369

that's got a camera any laptop that's

1619

01:20:41,109 --> 01:20:38,090

got a camera

1620

01:20:45,120 --> 01:20:41,119

I've got tape on it microphones covered

1621

01:20:48,790 --> 01:20:45,130

you know I just I it's it's weird how I

1622

01:20:52,839 --> 01:20:48,800

just don't know and and most of it

1623

01:20:55,179 --> 01:20:52,849

you're clicking on I accept right right

1624

01:20:57,250 --> 01:20:55,189

right right right and and I said I said

1625

01:21:01,209 --> 01:20:57,260

at one point on Twitter I think it's you

1626
01:21:04,299 --> 01:21:01,219
know our freedom is surrendered one one

1627
01:21:07,060 --> 01:21:04,309
one privacy policy accepted at a time

1628
01:21:08,560 --> 01:21:07,070
you know like we bit by bit we give our

1629
01:21:11,739 --> 01:21:08,570
freedom away to these terms and

1630
01:21:15,279 --> 01:21:11,749
conditions that we we we sign off on now

1631
01:21:18,910 --> 01:21:15,289
what do we where are we right now with

1632
01:21:22,569 --> 01:21:18,920
Al you know the big word certainly two

1633
01:21:26,049 --> 01:21:22,579
years ago was singularity and and you

1634
01:21:28,600 --> 01:21:26,059
know these dates were thrown around you

1635
01:21:31,629 --> 01:21:28,610
know by Ray Kurzweil and Elon and and

1636
01:21:37,419 --> 01:21:31,639
others Kurzweil was saying it could be

1637
01:21:39,879 --> 01:21:37,429
as soon as 2018 but where are we with

1638
01:21:43,419 --> 01:21:39,889

that do we have something to really fear

1639

01:21:44,979 --> 01:21:43,429

here okay so well first of all my take

1640

01:21:46,629 --> 01:21:44,989

on this thing I think the singularity is

1641

01:21:48,910 --> 01:21:46,639

marketing hype it was something that was

1642

01:21:51,310 --> 01:21:48,920

come up with the sell books and get on

1643

01:21:53,169 --> 01:21:51,320

shows and that type of thing I don't

1644

01:21:54,610 --> 01:21:53,179

think that that's a real thing

1645

01:21:56,439 --> 01:21:54,620

whatever is actually gonna happen is

1646

01:21:59,950 --> 01:21:56,449

gonna be much more complicated in terms

1647

01:22:01,930 --> 01:21:59,960

of AI the thing about AI is that people

1648

01:22:03,640 --> 01:22:01,940

don't understand what it actually is and

1649

01:22:06,130 --> 01:22:03,650

then of course they're gonna be afraid

1650

01:22:08,260 --> 01:22:06,140

of it if you look at articles about AI

1651
01:22:10,630 --> 01:22:08,270
online you always see kind of like stock

1652
01:22:12,100 --> 01:22:10,640
for clipart from the Terminator movies

1653
01:22:14,530 --> 01:22:12,110
and all the robots are gonna come take

1654
01:22:17,919 --> 01:22:14,540
our jobs and kill us and then the

1655
01:22:19,899 --> 01:22:17,929
assumption is that an AI will be just

1656
01:22:21,970 --> 01:22:19,909
that it will be some type of machine

1657
01:22:24,310 --> 01:22:21,980
that is sentient it thinks like a person

1658
01:22:26,770 --> 01:22:24,320
and can act like a person that's not

1659
01:22:30,550 --> 01:22:26,780
what AI is certainly not yet

1660
01:22:33,820 --> 01:22:30,560
what AI actually is is math it's an AIS

1661
01:22:36,610 --> 01:22:33,830
are just their equations they're like

1662
01:22:40,060 --> 01:22:36,620
algorithms that as I mentioned can

1663
01:22:42,459 --> 01:22:40,070

process tremendous amount of data at a

1664

01:22:47,200 --> 01:22:42,469

time and then come back with predictive

1665

01:22:49,990 --> 01:22:47,210

analysis from it so for instance so

1666

01:22:52,330 --> 01:22:50,000

recently Google was yeah there was an

1667

01:22:55,720 --> 01:22:52,340

article at the intercept where or Google

1668

01:22:58,330 --> 01:22:55,730

was it came into under some heat for

1669

01:23:00,310 --> 01:22:58,340

creating they were they were I believe

1670

01:23:02,649 --> 01:23:00,320

getting the defense contracts to work

1671

01:23:05,439 --> 01:23:02,659

with the military to do AI for drones

1672

01:23:09,640 --> 01:23:05,449

and to develop machine learning for

1673

01:23:11,709 --> 01:23:09,650

drones so that they could better target

1674

01:23:14,110 --> 01:23:11,719

people by face so that the way the way

1675

01:23:16,090 --> 01:23:14,120

that works is all that is is that's an

1676

01:23:18,850 --> 01:23:16,100

you write an algorithm and then the

1677

01:23:22,270 --> 01:23:18,860

algorithm you give that the the

1678

01:23:25,660 --> 01:23:22,280

algorithm let's say scans of 1 million

1679

01:23:28,270 --> 01:23:25,670

faces and you tell it to look for

1680

01:23:29,919 --> 01:23:28,280

certain things and then if it has and it

1681

01:23:31,479 --> 01:23:29,929

needs that much data it can't just be a

1682

01:23:33,189 --> 01:23:31,489

small amount of data it needs to be data

1683

01:23:36,459 --> 01:23:33,199

on that level you know millions of

1684

01:23:38,950 --> 01:23:36,469

pieces of data the the algorithm then

1685

01:23:41,290 --> 01:23:38,960

runs through what they call the training

1686

01:23:45,540 --> 01:23:41,300

it will train by looking at all that all

1687

01:23:48,280 --> 01:23:45,550

that data and then it'll come back with

1688

01:23:50,709 --> 01:23:48,290

you know it will then after training

1689

01:23:52,840 --> 01:23:50,719

then be able to recognize what you tell

1690

01:23:54,729 --> 01:23:52,850

it to look for with you know in the you

1691

01:23:57,370 --> 01:23:54,739

know point nine nine percent accuracy or

1692

01:23:59,320 --> 01:23:57,380

something like that and this isn't hard

1693

01:24:00,939 --> 01:23:59,330

to do you know I've written AI programs

1694

01:24:02,530 --> 01:24:00,949

you know I've written in it you know

1695

01:24:05,530 --> 01:24:02,540

it's a very basic experiment that

1696

01:24:06,440 --> 01:24:05,540

anybody can do is you can write an AI

1697

01:24:09,380 --> 01:24:06,450

algorithm

1698

01:24:12,170 --> 01:24:09,390

that will analyze photos of handwriting

1699

01:24:14,270 --> 01:24:12,180

and then tell you what the letters and

1700

01:24:16,880 --> 01:24:14,280

numbers are you know so you give it a

1701

01:24:19,820 --> 01:24:16,890

data set of let's say a million

1702

01:24:21,560 --> 01:24:19,830

different sevens the number seven

1703

01:24:23,060 --> 01:24:21,570

written by a million different people

1704

01:24:26,210 --> 01:24:23,070

it's different versions of the number

1705

01:24:27,890 --> 01:24:26,220

seven it then trains on that data and

1706

01:24:30,590 --> 01:24:27,900

then it can tell you then you can show

1707

01:24:32,690 --> 01:24:30,600

it any seven handwritten in any way by

1708

01:24:34,580 --> 01:24:32,700

anybody and it will tell you it to a

1709

01:24:37,460 --> 01:24:34,590

certain you know Varick fraction of

1710

01:24:38,870 --> 01:24:37,470

accuracy whether it's a seven or not so

1711

01:24:40,790 --> 01:24:38,880

when we talk about doing these things

1712

01:24:42,170 --> 01:24:40,800

for military applications well then it's

1713

01:24:43,850 --> 01:24:42,180

you know they want to be you know

1714

01:24:45,800 --> 01:24:43,860

recognizing I don't know targets

1715

01:24:46,490 --> 01:24:45,810

interests in search insurgents things

1716

01:24:48,260 --> 01:24:46,500

like that

1717

01:24:49,820 --> 01:24:48,270

that's certainly shocking although

1718

01:24:52,490 --> 01:24:49,830

frankly I thought about that for a

1719

01:24:54,320 --> 01:24:52,500

second and I thought well the real issue

1720

01:24:56,960 --> 01:24:54,330

is not the technology the issue is the

1721

01:24:58,550 --> 01:24:56,970

military program and one of the problems

1722

01:25:01,220 --> 01:24:58,560

with drone warfare is that it's been

1723

01:25:03,140 --> 01:25:01,230

notoriously inaccurate there's been so

1724

01:25:04,760 --> 01:25:03,150

much collateral damage and the children

1725

01:25:05,990 --> 01:25:04,770

killed and civilians and things like

1726

01:25:07,400 --> 01:25:06,000

that so it's like I thought about that

1727

01:25:08,960 --> 01:25:07,410

for a first I was shocked but then I was

1728

01:25:11,360 --> 01:25:08,970

like wait I kind of want them to shoot

1729

01:25:13,100 --> 01:25:11,370

accurately that's that's the best way to

1730

01:25:17,900 --> 01:25:13,110

do it

1731

01:25:19,850 --> 01:25:17,910

so so that's what AI actually is it's

1732

01:25:21,740 --> 01:25:19,860

just an algorithm they can process a

1733

01:25:24,140 --> 01:25:21,750

tremendous amount of data and then make

1734

01:25:26,030 --> 01:25:24,150

decisions based off of it it's not

1735

01:25:27,830 --> 01:25:26,040

intelligent it's not sentient there's

1736

01:25:30,770 --> 01:25:27,840

nothing resembling a human being there

1737

01:25:33,800 --> 01:25:30,780

now there is something called strong AI

1738

01:25:36,350 --> 01:25:33,810

which is the AI from science fiction the

1739

01:25:38,750 --> 01:25:36,360

idea that there will be a machine that

1740

01:25:40,670 --> 01:25:38,760

can think and reason like a human being

1741

01:25:43,430 --> 01:25:40,680

and will be to all intents and purposes

1742

01:25:47,330 --> 01:25:43,440

a new life-form as of yet that's still

1743

01:25:49,010 --> 01:25:47,340

totally speculative that they don't have

1744

01:25:51,110 --> 01:25:49,020

a sense of how it can actually be done

1745

01:25:53,810 --> 01:25:51,120

some people that predicted that it could

1746

01:25:56,570 --> 01:25:53,820

happen in the 2030s there's been a lot

1747

01:25:59,090 --> 01:25:56,580

of fear about it but the reality is that

1748

01:26:02,450 --> 01:25:59,100

it just hasn't happened yet and we don't

1749

01:26:04,280 --> 01:26:02,460

know how to do it although if it does

1750

01:26:05,870 --> 01:26:04,290

happen it could happen overnight and we

1751
01:26:07,880 --> 01:26:05,880
wouldn't even necessarily know they did

1752
01:26:10,130 --> 01:26:07,890
it happened yeah that's a scary part

1753
01:26:11,420 --> 01:26:10,140
right there you know it's one of the

1754
01:26:12,740 --> 01:26:11,430
many scary part it's the best book to

1755
01:26:14,990 --> 01:26:12,750
read about this by the way is called

1756
01:26:17,000 --> 01:26:15,000
super intelligence by Nick Bostrom if

1757
01:26:18,050 --> 01:26:17,010
you really want to terrify yourself and

1758
01:26:20,310 --> 01:26:18,060
never sleep again

1759
01:26:23,220 --> 01:26:20,320
right but frankly in terms of fear

1760
01:26:27,479 --> 01:26:23,230
I think that in the in the real world

1761
01:26:29,490 --> 01:26:27,489
right now where we are it's it's not

1762
01:26:31,560 --> 01:26:29,500
helpful to think about AI in science

1763
01:26:33,629 --> 01:26:31,570

fiction terms like Terminator or

1764

01:26:35,459 --> 01:26:33,639

or even you know some of the more

1765

01:26:37,319 --> 01:26:35,469

positive AI movies cuz that's just not

1766

01:26:41,569 --> 01:26:37,329

realistic it's not what AI actually is

1767

01:26:44,160 --> 01:26:41,579

AI is just a learning algorithm and you

1768

01:26:46,410 --> 01:26:44,170

know even to call it intelligence is a

1769

01:26:49,290 --> 01:26:46,420

bit of a misnomer because it misnomer

1770

01:26:51,300 --> 01:26:49,300

because what it actually is is just the

1771

01:26:52,919 --> 01:26:51,310

next level of computing power it's it's

1772

01:26:54,870 --> 01:26:52,929

it's it's computers that can now use

1773

01:26:57,330 --> 01:26:54,880

algorithms to read way more data than

1774

01:27:00,270 --> 01:26:57,340

they used to be able to and make in you

1775

01:27:03,450 --> 01:27:00,280

know draw actionable information from

1776

01:27:07,530 --> 01:27:03,460

that data that's really all it is and

1777

01:27:11,609 --> 01:27:07,540

and and that itself poses enough ethical

1778

01:27:16,740 --> 01:27:11,619

dilemmas such as bias and algorithms for

1779

01:27:18,780 --> 01:27:16,750

instance if algorithms you know if you

1780

01:27:21,120 --> 01:27:18,790

know algorithms start to display biases

1781

01:27:23,760 --> 01:27:21,130

and things like that and then we run

1782

01:27:25,680 --> 01:27:23,770

into trouble but and then the next ethic

1783

01:27:28,229 --> 01:27:25,690

you know the real pressing the really

1784

01:27:30,510 --> 01:27:28,239

pressing ethical issue is the job loss

1785

01:27:32,729 --> 01:27:30,520

to automation you know within the next

1786

01:27:34,950 --> 01:27:32,739

few years the first thing that's going

1787

01:27:38,040 --> 01:27:34,960

to be lost to automation is self is

1788

01:27:41,370 --> 01:27:38,050

truck drivers that all of that will be

1789

01:27:43,979 --> 01:27:41,380

all of it and I'm sorry but 100 percent

1790

01:27:45,990 --> 01:27:43,989

of it will be replaced with automated

1791

01:27:48,149 --> 01:27:46,000

intelligent trucks that are self-driving

1792

01:27:50,010 --> 01:27:48,159

all of that runs off machine learning

1793

01:27:52,859 --> 01:27:50,020

technology because machine learning can

1794

01:27:55,050 --> 01:27:52,869

be used to recognize stoplights and you

1795

01:27:56,970 --> 01:27:55,060

know when what you know how to drive how

1796

01:27:59,250 --> 01:27:56,980

to go on maps how to avoid accidents

1797

01:28:01,310 --> 01:27:59,260

things like that all the entire all

1798

01:28:04,830 --> 01:28:01,320

trucking is going to be automated and

1799

01:28:07,859 --> 01:28:04,840

truck driver is the number one job

1800

01:28:09,750 --> 01:28:07,869

particularly for men in America it's the

1801

01:28:11,160 --> 01:28:09,760

number one job all that's going to be

1802

01:28:14,100 --> 01:28:11,170

gone and that's happening all right you

1803

01:28:15,930 --> 01:28:14,110

know it's gonna happen overnight and but

1804

01:28:19,080 --> 01:28:15,940

but people think well I'm not a truck

1805

01:28:21,120 --> 01:28:19,090

driver I'm safe ok well at first it's

1806

01:28:22,919 --> 01:28:21,130

gonna be manual labor you know we

1807

01:28:24,479 --> 01:28:22,929

already look at Amazon's warehouse for

1808

01:28:28,379 --> 01:28:24,489

instance so much of the work at Amazon's

1809

01:28:29,939 --> 01:28:28,389

warehouse is done by robots and also by

1810

01:28:33,569 --> 01:28:29,949

help underpaid human beings and

1811

01:28:34,110 --> 01:28:33,579

overworked but blue call excuse me white

1812

01:28:37,080 --> 01:28:34,120

collar

1813

01:28:40,740 --> 01:28:37,090

jobs are not safe from this lawyers in

1814

01:28:45,420 --> 01:28:40,750

particular law is going to be mediated

1815

01:28:48,810 --> 01:28:45,430

by algorithms learning algorithms a lot

1816

01:28:53,720 --> 01:28:48,820

of medicine even journalism a lot of

1817

01:28:58,380 --> 01:28:53,730

journalism is going to be done by by

1818

01:29:00,960 --> 01:28:58,390

smart algorithms and what about talk

1819

01:29:03,450 --> 01:29:00,970

show hosts well did you see this thing

1820

01:29:04,800 --> 01:29:03,460

that Google has just released this I

1821

01:29:06,750 --> 01:29:04,810

forget what it's called but this thing

1822

01:29:09,660 --> 01:29:06,760

that can do phone calls and make calls

1823

01:29:11,880 --> 01:29:09,670

for you and it sounds 100% like a human

1824

01:29:17,030 --> 01:29:11,890

being you can't tell that it's cannot

1825

01:29:19,560 --> 01:29:17,040

not a human right so I mean you know and

1826

01:29:22,800 --> 01:29:19,570

it's crazy when you think about it and

1827

01:29:25,110 --> 01:29:22,810

then there's the other I mean the when

1828

01:29:28,050 --> 01:29:25,120

you think about the future but even

1829

01:29:30,930 --> 01:29:28,060

today that one episode of the x-files

1830

01:29:33,690 --> 01:29:30,940

and I hate to go and use the Hollywood

1831

01:29:36,350 --> 01:29:33,700

metaphor right I hate to do that but but

1832

01:29:38,220 --> 01:29:36,360

in this case it was really well done and

1833

01:29:42,230 --> 01:29:38,230

and I don't know if he caught the

1834

01:29:48,690 --> 01:29:42,240

episode but the episode was basically

1835

01:29:52,200 --> 01:29:48,700

Mulder didn't tip ad at a automated

1836

01:29:56,640 --> 01:29:52,210

sushi restaurant right he offended the

1837

01:30:01,940 --> 01:29:56,650

bots he didn't tip and then everything

1838

01:30:06,360 --> 01:30:05,790

the Roomba turns into you know a murder

1839

01:30:11,120 --> 01:30:06,370

weapon

1840

01:30:16,260 --> 01:30:11,130

and drones are all over us I mean just

1841

01:30:19,590 --> 01:30:16,270

the common common things today not not

1842

01:30:23,490 --> 01:30:19,600

you know what I mean not not terminator

1843

01:30:26,250 --> 01:30:23,500

@e 3000 showing up but just your average

1844

01:30:28,560 --> 01:30:26,260

life the house the temperature's going

1845

01:30:30,420 --> 01:30:28,570

from a hundred degrees down to 40

1846

01:30:34,380 --> 01:30:30,430

degrees and you know if lights are

1847

01:30:36,750 --> 01:30:34,390

turning on and off and you know the the

1848

01:30:39,630 --> 01:30:36,760

automated house and the delivery systems

1849

01:30:43,050 --> 01:30:39,640

and like I said the Roomba turns into an

1850

01:30:45,750 --> 01:30:43,060

assassin there's that part of it and

1851

01:30:47,750 --> 01:30:45,760

this is what I'm afraid of

1852

01:30:51,770 --> 01:30:47,760

what I'm afraid of is

1853

01:30:54,650 --> 01:30:51,780

one bad actor it's not about shutting

1854

01:30:58,580 --> 01:30:54,660

down the electrical grid but one guy

1855

01:31:01,610 --> 01:30:58,590

that decides to jump in on the Android

1856

01:31:05,479 --> 01:31:01,620

operating system of smart refrigerators

1857

01:31:07,610 --> 01:31:05,489

and turns off refrigerators across the

1858

01:31:10,940 --> 01:31:07,620

United States and takes everybody's food

1859

01:31:13,880 --> 01:31:10,950

away from them that is a problem and

1860

01:31:17,240 --> 01:31:13,890

that is that is a very real situation

1861

01:31:20,930 --> 01:31:17,250

we're talking about Android is running

1862

01:31:23,600 --> 01:31:20,940

most of these connected devices and can

1863

01:31:26,180 --> 01:31:23,610

be manipulated and hacked and that is

1864

01:31:28,640 --> 01:31:26,190

something that is very very very scary

1865

01:31:31,970 --> 01:31:28,650

to me right well this is of course why

1866

01:31:33,650 --> 01:31:31,980

data security is is so important and it

1867

01:31:35,780 --> 01:31:33,660

is one of the most critical things for

1868

01:31:40,490 --> 01:31:35,790

both for individuals and for society as

1869

01:31:42,830 --> 01:31:40,500

a whole but you know to be honest when I

1870

01:31:44,600 --> 01:31:42,840

when I first started getting into AI at

1871

01:31:47,450 --> 01:31:44,610

first I started to see all the things

1872

01:31:50,479 --> 01:31:47,460

that could go wrong but then the more I

1873

01:31:51,890 --> 01:31:50,489

thought about it the more so for

1874

01:31:54,440 --> 01:31:51,900

instance I was reading this Nick Bostrom

1875

01:31:56,420 --> 01:31:54,450

book super intelligence and that is the

1876
01:31:58,160 --> 01:31:56,430
most terrifying book ever written about

1877
01:32:00,560 --> 01:31:58,170
AI and the potential for what could go

1878
01:32:04,040 --> 01:32:00,570
wrong it is it's a it's written by a

1879
01:32:05,660 --> 01:32:04,050
lecturer at the University of Oxford you

1880
01:32:08,090 --> 01:32:05,670
know he's a credentialed academic but he

1881
01:32:10,790 --> 01:32:08,100
goes through and he looks at all the

1882
01:32:13,760 --> 01:32:10,800
apocalyptic nightmare society scenarios

1883
01:32:16,400 --> 01:32:13,770
for AI almost all of which end in total

1884
01:32:19,010 --> 01:32:16,410
extinction of all life as we know it but

1885
01:32:23,060 --> 01:32:19,020
he then says as you get towards the end

1886
01:32:26,810 --> 01:32:23,070
of the book the only thing that could

1887
01:32:31,670 --> 01:32:26,820
possibly be worse for Humanity than

1888
01:32:33,890 --> 01:32:31,680

developing AI is not developing AI and

1889

01:32:36,050 --> 01:32:33,900

what he meant by that is when you when

1890

01:32:37,910 --> 01:32:36,060

you step back and you look at it well

1891

01:32:39,710 --> 01:32:37,920

what are the problems that we face you

1892

01:32:42,950 --> 01:32:39,720

know as a species you know okay well we

1893

01:32:46,370 --> 01:32:42,960

have you know terrible diseases that we

1894

01:32:48,530 --> 01:32:46,380

need to overcome we have missed

1895

01:32:50,840 --> 01:32:48,540

distribution of food and food and people

1896

01:32:54,229 --> 01:32:50,850

starving we have the environmental

1897

01:32:58,040 --> 01:32:54,239

crisis talk toxic pollution of the

1898

01:33:01,100 --> 01:32:58,050

environment dying species overpopulation

1899

01:33:02,990 --> 01:33:01,110

the need to colonize space well you

1900

01:33:04,729 --> 01:33:03,000

all of these things could potentially be

1901

01:33:07,340 --> 01:33:04,739

solved very quickly with artificial

1902

01:33:09,379 --> 01:33:07,350

intelligence let's take a basic example

1903

01:33:11,390 --> 01:33:09,389

cancer right you know how many people

1904

01:33:14,479 --> 01:33:11,400

whose cancer kill every year well let's

1905

01:33:16,760 --> 01:33:14,489

say an AI was given access to for

1906

01:33:18,620 --> 01:33:16,770

instance the data at 23andme which by

1907

01:33:22,520 --> 01:33:18,630

the way is a Google company and I'm sure

1908

01:33:23,959 --> 01:33:22,530

that's why they created it but or you

1909

01:33:25,760 --> 01:33:23,969

know the Nats the records of the

1910

01:33:27,260 --> 01:33:25,770

National Health Service in England or

1911

01:33:29,689 --> 01:33:27,270

something like that

1912

01:33:30,830 --> 01:33:29,699

let's say that we put a machine like

1913

01:33:33,260 --> 01:33:30,840

just a machine learning learning

1914

01:33:35,840 --> 01:33:33,270

algorithm and train it on the genetic

1915

01:33:37,899 --> 01:33:35,850

code of as many people as possible and

1916

01:33:40,430 --> 01:33:37,909

then it comes back and it will tell you

1917

01:33:41,990 --> 01:33:40,440

exactly the sequence of things to turn

1918

01:33:43,820 --> 01:33:42,000

off to prevent cancer from ever

1919

01:33:44,450 --> 01:33:43,830

occurring I mean that for me like that

1920

01:33:47,919 --> 01:33:44,460

right there

1921

01:33:50,359 --> 01:33:47,929

is our best possible hope right of

1922

01:33:51,830 --> 01:33:50,369

curing things like cancer curing aids

1923

01:33:53,660 --> 01:33:51,840

you don't say that the cures are gonna

1924

01:33:55,490 --> 01:33:53,670

happen like that's gonna be one of the

1925

01:33:58,910 --> 01:33:55,500

major ways that it's gonna that it's

1926

01:34:01,370 --> 01:33:58,920

gonna happen or you know figuring out

1927

01:34:03,439 --> 01:34:01,380

let's say detoxifying the ocean you know

1928

01:34:06,800 --> 01:34:03,449

all the coral reefs are dying well you

1929

01:34:08,689 --> 01:34:06,810

know AI robots could easily be deployed

1930

01:34:10,729 --> 01:34:08,699

well not easily but you know we could

1931

01:34:13,930 --> 01:34:10,739

work towards deploying robots that could

1932

01:34:17,300 --> 01:34:13,940

start cleaning up the environment and

1933

01:34:20,090 --> 01:34:17,310

you know even the use of AI to do things

1934

01:34:23,030 --> 01:34:20,100

like sequence the genetics and bring

1935

01:34:25,609 --> 01:34:23,040

back species that have been that are now

1936

01:34:27,620 --> 01:34:25,619

extinct things like this and of course

1937

01:34:29,660 --> 01:34:27,630

we're also entering the world of CRISPR

1938

01:34:32,390 --> 01:34:29,670

and easy genetic manipulation and that's

1939

01:34:34,070 --> 01:34:32,400

gonna go hand in hand with AI so yes of

1940

01:34:36,290 --> 01:34:34,080

course there's frightening things about

1941

01:34:38,660 --> 01:34:36,300

these but on the flip side of that is

1942

01:34:41,120 --> 01:34:38,670

there's incredibly exciting things about

1943

01:34:42,649 --> 01:34:41,130

them also and you know I don't like to

1944

01:34:43,970 --> 01:34:42,659

make predictions about the future but I

1945

01:34:46,189 --> 01:34:43,980

think that it's gonna get just

1946

01:34:49,910 --> 01:34:46,199

incredibly weird within the next 10

1947

01:34:51,500 --> 01:34:49,920

years we're just we haven't even you

1948

01:34:54,080 --> 01:34:51,510

know we're talking about technology from

1949

01:34:56,689 --> 01:34:54,090

the from the time that the web was

1950

01:34:59,840 --> 01:34:56,699

rolled out and you think about we

1951
01:35:00,500 --> 01:34:59,850
couldn't even stream video useful at you

1952
01:35:04,580 --> 01:35:00,510
know well

1953
01:35:07,609 --> 01:35:04,590
in the 90s until now we're were just in

1954
01:35:10,879 --> 01:35:07,619
the we're still in the ramping up phase

1955
01:35:12,740 --> 01:35:10,889
of information technology we were still

1956
01:35:14,629 --> 01:35:12,750
in the part where we're gathering speed

1957
01:35:16,850 --> 01:35:14,639
but we're just about to get to

1958
01:35:19,069 --> 01:35:16,860
take off and that the take off is gonna

1959
01:35:22,580 --> 01:35:19,079
happen within the next 10 years when we

1960
01:35:26,449 --> 01:35:22,590
look at AI machine learning potentially

1961
01:35:29,270 --> 01:35:26,459
strong AI CRISPR a genetic manipulation

1962
01:35:31,659 --> 01:35:29,280
blockchain cloud computing graphics

1963
01:35:34,429 --> 01:35:31,669

cards with tremendous amounts of power

1964

01:35:35,959 --> 01:35:34,439

the interconnection of all the computers

1965

01:35:38,419 --> 01:35:35,969

around the world through things like

1966

01:35:40,729 --> 01:35:38,429

blockchain we have no idea what's coming

1967

01:35:42,679 --> 01:35:40,739

and it's it's it's gonna happen as if

1968

01:35:45,080 --> 01:35:42,689

overnight as if it was like alien

1969

01:35:48,020 --> 01:35:45,090

contact yeah it's gonna be the Internet

1970

01:35:50,600 --> 01:35:48,030

3.0 for sure let's take a break right

1971

01:35:53,989 --> 01:35:50,610

here our guest tonight Jason Lu we're

1972

01:35:55,669 --> 01:35:53,999

talking technology all of it this is

1973

01:35:57,529 --> 01:35:55,679

fade to black on the game changer

1974

01:35:59,479 --> 01:35:57,539

Network I'm your host Jimmy Church more

1975

01:36:01,490 --> 01:35:59,489

Jason after this short break stay with

1976

01:36:17,149 --> 01:36:01,500

us

1977

01:36:24,359 --> 01:36:20,329

way out here we listen to Jimmy Church

1978

01:36:26,639 --> 01:36:24,369

you're listening to fade to black always

1979

01:36:29,520 --> 01:36:26,649

on the edge of the hottest alternative

1980

01:36:48,750 --> 01:36:29,530

talk jimmy church with fade to black

1981

01:36:52,469 --> 01:36:48,760

stay gra radio.com hurricanes

1982

01:36:54,209 --> 01:36:52,479

earthquakes wildfires this year we've

1983

01:36:56,609 --> 01:36:54,219

experienced more than our fair share

1984

01:36:59,489 --> 01:36:56,619

this is Jimmy Church of fade to black

1985

01:37:01,679 --> 01:36:59,499

and last month I decided to make sure my

1986

01:37:03,989 --> 01:37:01,689

family does not have to worry about food

1987

01:37:07,589 --> 01:37:03,999

should we get caught in a real emergency

1988

01:37:09,479 --> 01:37:07,599

situation introducing Humana a healthy

1989

01:37:11,310 --> 01:37:09,489

storable product that tastes so good

1990

01:37:13,079 --> 01:37:11,320

that you'll want to eat it every day

1991

01:37:15,839 --> 01:37:13,089

instead of just during those times of

1992

01:37:19,259 --> 01:37:15,849

duress all new manna products have a 25

1993

01:37:21,379 --> 01:37:19,269

year shelf life our MSG and GMO free no

1994

01:37:23,790 --> 01:37:21,389

preservatives and are made in America

1995

01:37:25,589 --> 01:37:23,800

with the new manna pack in your home

1996

01:37:28,409 --> 01:37:25,599

you'll be able to sleep at night knowing

1997

01:37:31,560 --> 01:37:28,419

that you protected your family not only

1998

01:37:33,929 --> 01:37:31,570

have I tasted and tested I own it now

1999

01:37:36,270 --> 01:37:33,939

you can too just click on the new mana

2000

01:37:38,310 --> 01:37:36,280

banner on Jimmy Church radio.com and use

2001
01:37:40,709 --> 01:37:38,320
the promo code Jimmy when you order in

2002
01:37:42,709 --> 01:37:40,719
addition to a discount we'll send you an

2003
01:37:45,389 --> 01:37:42,719
autograph fade to black t-shirt

2004
01:37:47,729 --> 01:37:45,399
seriously gobekli tepe

2005
01:37:50,069 --> 01:37:47,739
do you worry a lot whether you're a

2006
01:37:52,139 --> 01:37:50,079
college student busy professional parent

2007
01:37:53,549 --> 01:37:52,149
or grandparent ongoing stress and

2008
01:37:56,189 --> 01:37:53,559
elevated levels of the stress hormone

2009
01:37:57,270 --> 01:37:56,199
cortisol can rob your memory your health

2010
01:37:59,489 --> 01:37:57,280
and your future

2011
01:38:01,379 --> 01:37:59,499
now you can combat the effects of stress

2012
01:38:03,449 --> 01:38:01,389
and anxiety while improving your memory

2013
01:38:05,549 --> 01:38:03,459

and recall at the same time with the

2014

01:38:07,319 --> 01:38:05,559

dietary supplement calm and clever

2015

01:38:09,449 --> 01:38:07,329

studies show that the ingredients in

2016

01:38:11,969 --> 01:38:09,459

common clever reduce cortisol by as much

2017

01:38:13,319 --> 01:38:11,979

as 30% in one to two weeks call one

2018

01:38:16,590 --> 01:38:13,329

eight hundred seventy five eight eight

2019

01:38:19,050 --> 01:38:16,600

seven four six or calm and clever calm

2020

01:38:27,840 --> 01:38:19,060

you listen to us and we listen to you

2021

01:38:29,580 --> 01:38:27,850

and so does the CIA GRA radio.com hi

2022

01:38:30,300 --> 01:38:29,590

folks what can I say without making

2023

01:38:31,830 --> 01:38:30,310

claims

2024

01:38:33,540 --> 01:38:31,840

seaweedy is truly the buzzword for

2025

01:38:35,490 --> 01:38:33,550

health what does it do government

2026

01:38:37,440 --> 01:38:35,500

institutions will not allow me to say

2027

01:38:40,350 --> 01:38:37,450

what this wonderful oil does for us but

2028

01:38:43,020 --> 01:38:40,360

I can say it's non-gmo and organic I can

2029

01:38:44,910 --> 01:38:43,030

say it's point zero zero three THC which

2030

01:38:47,220 --> 01:38:44,920

in plain English means you won't get

2031

01:38:49,260 --> 01:38:47,230

high there are those that want to squash

2032

01:38:51,060 --> 01:38:49,270

your freedom to buy natural products

2033

01:38:53,100 --> 01:38:51,070

fight back with your purchase power in

2034

01:38:55,230 --> 01:38:53,110

the end it is you that takes care of

2035

01:38:59,850 --> 01:38:55,240

your health go to ancient life oil calm

2036

01:39:01,350 --> 01:38:59,860

one more time ancient life oil calm you

2037

01:39:03,660 --> 01:39:01,360

are listening to fade to black

2038

01:39:08,910 --> 01:39:03,670

with Jimmy Church on the game change in

2039

01:39:11,880 --> 01:39:08,920

network hi I'm Lisa Vance your listings

2040

01:39:14,700 --> 01:39:11,890

Jimmy Church this is a revolution the

2041

01:39:22,740 --> 01:39:14,710

revolution will not be televised the

2042

01:39:22,750 --> 01:39:59,870

[Music]

2043

01:40:03,390 --> 01:40:02,040

all right welcome back fade to black

2044

01:40:06,570 --> 01:40:03,400

coming off Jimmy Church our guest

2045

01:40:08,280 --> 01:40:06,580

tonight Jason Liu we're talking tech all

2046

01:40:10,470 --> 01:40:08,290

of it tomorrow night

2047

01:40:12,150 --> 01:40:10,480

Tracy Garvin is gonna be here who you're

2048

01:40:14,700 --> 01:40:12,160

gonna meet her for the first time it's

2049

01:40:16,920 --> 01:40:14,710

gonna be an amazing show Thursday night

2050

01:40:17,310 --> 01:40:16,930

open lines all night long this is fade

2051

01:40:24,770 --> 01:40:17,320

to black

2052

01:40:29,510 --> 01:40:24,780

now Jason the is there a way to slow

2053

01:40:33,810 --> 01:40:29,520

down the progress that we are making

2054

01:40:36,870 --> 01:40:33,820

should we are we going too fast without

2055

01:40:41,610 --> 01:40:36,880

looking at certain consequences and one

2056

01:40:44,610 --> 01:40:41,620

of the aspects of this is if you wanted

2057

01:40:47,790 --> 01:40:44,620

to take down a country right now you

2058

01:40:49,890 --> 01:40:47,800

don't necessarily drop bombs you take

2059

01:40:53,790 --> 01:40:49,900

down their internet and then everything

2060

01:40:55,890 --> 01:40:53,800

is is is over you know because of the

2061

01:40:59,040 --> 01:40:55,900

distribution of electricity and food and

2062

01:41:00,750 --> 01:40:59,050

water and and and communication and the

2063

01:41:04,400 --> 01:41:00,760

news and everything else you take that

2064

01:41:08,640 --> 01:41:04,410

away and the electric it all goes down

2065

01:41:13,160 --> 01:41:08,650

certainly then the next world war will

2066

01:41:17,400 --> 01:41:13,170

probably involve that first in in in

2067

01:41:19,290 --> 01:41:17,410

some kind of warfare and so to prevent

2068

01:41:23,340 --> 01:41:19,300

that maybe we should back up a little

2069

01:41:25,370 --> 01:41:23,350

bit and and maybe not have things run on

2070

01:41:28,830 --> 01:41:25,380

the internet like we do our

2071

01:41:30,780 --> 01:41:28,840

infrastructure and so forth we can't we

2072

01:41:33,030 --> 01:41:30,790

can slow it down it's it's not going to

2073

01:41:36,780 --> 01:41:33,040

be possible the reason that I say that

2074

01:41:38,640 --> 01:41:36,790

is let's say that you know if one group

2075

01:41:40,410 --> 01:41:38,650

or one country was to slow down

2076

01:41:41,730 --> 01:41:40,420

technological progress all that would

2077

01:41:46,110 --> 01:41:41,740

happen would be they would fall behind

2078

01:41:49,200 --> 01:41:46,120

all the other countries so and this is

2079

01:41:51,450 --> 01:41:49,210

this is of course dangerous for the

2080

01:41:53,670 --> 01:41:51,460

reason that you know for instance when I

2081

01:41:56,930 --> 01:41:53,680

first started getting into AI I realized

2082

01:42:00,330 --> 01:41:56,940

that we had never faced an existential

2083

01:42:02,790 --> 01:42:00,340

you know dilemma of this level ever

2084

01:42:05,040 --> 01:42:02,800

before as a human species the only thing

2085

01:42:08,400 --> 01:42:05,050

that comes close is the atomic bomb so I

2086

01:42:09,420 --> 01:42:08,410

went and started reading the accounts of

2087

01:42:10,149 --> 01:42:09,430

the people who had worked on the

2088

01:42:12,490 --> 01:42:10,159

Manhattan

2089

01:42:14,410 --> 01:42:12,500

to get a sense of how they were thinking

2090

01:42:16,840 --> 01:42:14,420

and the fascinating thing is they were

2091

01:42:18,970 --> 01:42:16,850

all talking about what they were doing

2092

01:42:21,820 --> 01:42:18,980

in the same terms as people are talking

2093

01:42:25,410 --> 01:42:21,830

about AI now where they were saying you

2094

01:42:28,479 --> 01:42:25,420

know we understand that we're creating

2095

01:42:31,149 --> 01:42:28,489

what could become a most terrible weapon

2096

01:42:34,540 --> 01:42:31,159

ever known you know creating this

2097

01:42:36,490 --> 01:42:34,550

horrible bomb but we also know that if

2098

01:42:37,959 --> 01:42:36,500

we don't somebody else will we don't

2099

01:42:39,520 --> 01:42:37,969

develop it the Germans will develop it

2100

01:42:41,350 --> 01:42:39,530

the Japanese will develop it and then

2101

01:42:44,080 --> 01:42:41,360

the war will be over and they'll use it

2102

01:42:46,270 --> 01:42:44,090

on us so we have to develop it and that

2103

01:42:48,040 --> 01:42:46,280

thinking forces it to happen it's almost

2104

01:42:51,520 --> 01:42:48,050

like a magical thing it forces it into

2105

01:42:55,540 --> 01:42:51,530

manifestation the AI developers are

2106

01:42:56,950 --> 01:42:55,550

using the same logic now you know when I

2107

01:42:58,629 --> 01:42:56,960

was looking at it at the end of 2017

2108

01:43:00,580 --> 01:42:58,639

there were at least a thousand companies

2109

01:43:03,640 --> 01:43:00,590

working on AI and there's probably quite

2110

01:43:06,160 --> 01:43:03,650

a few more now and that's of course

2111

01:43:09,310 --> 01:43:06,170

going to force the the accelerated

2112

01:43:11,680 --> 01:43:09,320

progress of AI oh and we were it's not

2113

01:43:15,220 --> 01:43:11,690

just the u.s. it's China it's Russia you

2114

01:43:17,140 --> 01:43:15,230

know it's there's that we can't we can't

2115

01:43:19,030 --> 01:43:17,150

slow it down it's just not gonna happen

2116

01:43:21,580 --> 01:43:19,040

that's not something that we're gonna be

2117

01:43:24,610 --> 01:43:21,590

able to do so I think that what we have

2118

01:43:28,660 --> 01:43:24,620

to do is guide it and continually

2119

01:43:32,140 --> 01:43:28,670

suggest you know as a as a as a human

2120

01:43:35,620 --> 01:43:32,150

species have just keep making sure that

2121

01:43:37,629 --> 01:43:35,630

our voice is heard instead of just you

2122

01:43:39,490 --> 01:43:37,639

know a few people in a few corporate

2123

01:43:42,280 --> 01:43:39,500

concerns you know the humanity has to

2124

01:43:44,080 --> 01:43:42,290

constantly be forcing its way into the

2125

01:43:46,629 --> 01:43:44,090

conversation and making sure that this

2126
01:43:48,840 --> 01:43:46,639
is a group decision making process

2127
01:43:52,689 --> 01:43:48,850
because it obviously affects all life

2128
01:43:54,640 --> 01:43:52,699
period that's how I feel about it and

2129
01:43:56,290 --> 01:43:54,650
then also you know I think that we can

2130
01:43:59,770 --> 01:43:56,300
one of the best things we can do is

2131
01:44:02,290 --> 01:43:59,780
imagine better futures for AI futures

2132
01:44:05,890 --> 01:44:02,300
that are not Terminator 5 you know but

2133
01:44:08,320 --> 01:44:05,900
futures that are the cure of cancer of

2134
01:44:10,590 --> 01:44:08,330
the cure of you know global poverty the

2135
01:44:14,140 --> 01:44:10,600
cure of environmental degradation

2136
01:44:16,600 --> 01:44:14,150
there's a lot of tremendously positive

2137
01:44:19,090 --> 01:44:16,610
things that could come out of this you

2138
01:44:23,330 --> 01:44:19,100

know overwhelmingly positive so I think

2139

01:44:25,939 --> 01:44:23,340

it's imperative for us to steer

2140

01:44:27,530 --> 01:44:25,949

towards those futures and and I don't

2141

01:44:30,470 --> 01:44:27,540

think that getting dystopian and

2142

01:44:32,479 --> 01:44:30,480

apocalyptic and recycling the same Blade

2143

01:44:34,240 --> 01:44:32,489

Runner and Terminator tropes whenever we

2144

01:44:36,379 --> 01:44:34,250

think about this is particularly helpful

2145

01:44:38,089 --> 01:44:36,389

it's certainly not helpful for the

2146

01:44:39,680 --> 01:44:38,099

people developing these things to have

2147

01:44:42,919 --> 01:44:39,690

that in the back of their mind as they

2148

01:44:46,240 --> 01:44:42,929

do so that's kind of how I feel about it

2149

01:44:48,709 --> 01:44:46,250

but I think that technology should be a

2150

01:44:53,470 --> 01:44:48,719

conversation that we have as a species

2151
01:44:55,879 --> 01:44:53,480
instead of you know a very tiny core

2152
01:44:57,800 --> 01:44:55,889
group of people making decisions behind

2153
01:44:59,510 --> 01:44:57,810
closed doors yeah that's that's

2154
01:45:03,290 --> 01:44:59,520
dangerous yeah that's always the issue

2155
01:45:06,439 --> 01:45:03,300
and certainly for all of the goodness

2156
01:45:08,990 --> 01:45:06,449
out there and there's a you know hey I

2157
01:45:12,680 --> 01:45:09,000
like one-click Amazon that's pretty much

2158
01:45:15,379 --> 01:45:12,690
a pretty amazing thing click delivered

2159
01:45:21,530 --> 01:45:15,389
you know click you don't even have to

2160
01:45:24,229 --> 01:45:21,540
think about some complicated step it's

2161
01:45:27,260 --> 01:45:24,239
literally a click and it shows up at

2162
01:45:29,209 --> 01:45:27,270
your house I appreciate that but then

2163
01:45:33,290 --> 01:45:29,219

there's the other side for all of that

2164

01:45:35,560 --> 01:45:33,300

positivity there is negativity and who

2165

01:45:39,169 --> 01:45:35,570

is out there on the front lines for us

2166

01:45:41,510 --> 01:45:39,179

protecting our grid our internet the

2167

01:45:44,180 --> 01:45:41,520

banking systems and our water supplies

2168

01:45:46,879 --> 01:45:44,190

and our food delivery systems so they

2169

01:45:52,010 --> 01:45:46,889

don't get manipulated I would think that

2170

01:45:54,229 --> 01:45:52,020

there are an equal amount of criminals

2171

01:45:56,330 --> 01:45:54,239

and criminal minds out there trying to

2172

01:45:58,970 --> 01:45:56,340

figure out how to manipulate the system

2173

01:46:00,589 --> 01:45:58,980

because it's always been there right I

2174

01:46:02,990 --> 01:46:00,599

think one of the real issues with

2175

01:46:04,129 --> 01:46:03,000

technology is there's no democracy to it

2176

01:46:06,770 --> 01:46:04,139

there's no such thing as global

2177

01:46:09,200 --> 01:46:06,780

governance even though technology the

2178

01:46:11,660 --> 01:46:09,210

promise of technology is that it will

2179

01:46:14,629 --> 01:46:11,670

bring everyone together it's not a group

2180

01:46:17,990 --> 01:46:14,639

decision making process and so for that

2181

01:46:19,850 --> 01:46:18,000

reason I'm hopeful for certain

2182

01:46:21,830 --> 01:46:19,860

technologies like blockchain technology

2183

01:46:25,010 --> 01:46:21,840

for instance I think that it would be

2184

01:46:29,209 --> 01:46:25,020

you know pretty cool to run let's say

2185

01:46:31,390 --> 01:46:29,219

let's say run a one world community not

2186

01:46:34,480 --> 01:46:31,400

not a one world order but a

2187

01:46:38,980 --> 01:46:34,490

one world community as Jaz Coleman from

2188

01:46:40,810 --> 01:46:38,990

Killing Joke puts it as a on the

2189

01:46:45,780 --> 01:46:40,820

blockchain for instance of course the

2190

01:46:49,810 --> 01:46:45,790

blockchain allows for unhackable

2191

01:46:51,790 --> 01:46:49,820

unchangeable data to be transferred that

2192

01:46:53,590 --> 01:46:51,800

can't be changed by any bad actors so

2193

01:46:56,260 --> 01:46:53,600

it's something that can be used to do

2194

01:46:58,330 --> 01:46:56,270

global governance where it's one vote

2195

01:47:00,250 --> 01:46:58,340

one person for the whole world and you

2196

01:47:02,020 --> 01:47:00,260

know the issues that affect all humanity

2197

01:47:05,470 --> 01:47:02,030

could be decided through voting on the

2198

01:47:07,150 --> 01:47:05,480

blockchain I think that that or maybe

2199

01:47:08,530 --> 01:47:07,160

not just voting but just the whole idea

2200

01:47:10,540 --> 01:47:08,540

of global governance using the

2201

01:47:12,910 --> 01:47:10,550

blockchain is a you know pretty exciting

2202

01:47:16,000 --> 01:47:12,920

exciting to think about and you know

2203

01:47:19,870 --> 01:47:16,010

honestly you know to be to be perfectly

2204

01:47:22,630 --> 01:47:19,880

frank when we look around yet everything

2205

01:47:23,980 --> 01:47:22,640

has collapsed in our world at the moment

2206

01:47:26,170 --> 01:47:23,990

you know that the political system has

2207

01:47:30,040 --> 01:47:26,180

utterly collapsed it's is anarchy and

2208

01:47:31,930 --> 01:47:30,050

chaos both in America and Europe all of

2209

01:47:33,640 --> 01:47:31,940

the old philosophies people don't seem

2210

01:47:36,360 --> 01:47:33,650

to be paying any heed to them anymore

2211

01:47:42,040 --> 01:47:36,370

social orders social fabric have

2212

01:47:43,870 --> 01:47:42,050

disintegrated and but technology is one

2213

01:47:46,060 --> 01:47:43,880

of the only things that we have as a

2214

01:47:47,850 --> 01:47:46,070

human species that's it's working and

2215

01:47:50,470 --> 01:47:47,860

going forward into the future and

2216

01:47:55,560 --> 01:47:50,480

technology is what delivers you know

2217

01:48:00,010 --> 01:47:55,570

NASA didn't deliver but Elon Musk is and

2218

01:48:02,260 --> 01:48:00,020

you know like so so I have to say that

2219

01:48:03,610 --> 01:48:02,270

you know technology is kind of where we

2220

01:48:05,860 --> 01:48:03,620

should be putting our focus in our

2221

01:48:07,810 --> 01:48:05,870

effort you know it's the only technology

2222

01:48:10,000 --> 01:48:07,820

is the only thing that's going to give

2223

01:48:11,920 --> 01:48:10,010

us a Hail Mary pass on the the issues

2224

01:48:16,180 --> 01:48:11,930

that we face in this century whether its

2225

01:48:18,340 --> 01:48:16,190

climate change or or or what

2226

01:48:22,860 --> 01:48:18,350

overpopulation or whatever it happens to

2227

01:48:25,030 --> 01:48:22,870

be pandemic global pandemic diseases

2228

01:48:27,040 --> 01:48:25,040

technology is the only thing that's

2229

01:48:28,630 --> 01:48:27,050

gonna save us it's not going to be

2230

01:48:30,880 --> 01:48:28,640

religion it's not going to be government

2231

01:48:32,680 --> 01:48:30,890

it's not going to be spirituality you

2232

01:48:35,020 --> 01:48:32,690

know which is a sobering thing for

2233

01:48:37,450 --> 01:48:35,030

somebody like me to say but it's kind of

2234

01:48:42,580 --> 01:48:37,460

true spirituality will definitely

2235

01:48:44,740 --> 01:48:42,590

spirituality is great for motivating

2236

01:48:47,050 --> 01:48:44,750

small numbers of of

2237

01:48:49,840 --> 01:48:47,060

of you know people who are willing to

2238

01:48:52,030 --> 01:48:49,850

put the time in but it's not a mass fix

2239

01:48:55,180 --> 01:48:52,040

the only way we're gonna mass fix these

2240

01:48:57,280 --> 01:48:55,190

issues is through technology so I'm all

2241

01:49:00,670 --> 01:48:57,290

for it in that sense and I think that

2242

01:49:02,220 --> 01:49:00,680

but I just cautioned that I mean I don't

2243

01:49:06,310 --> 01:49:02,230

know if cautions the word I think that

2244

01:49:07,840 --> 01:49:06,320

one of the things that a couple of the

2245

01:49:10,540 --> 01:49:07,850

great spiritual teachers of the 20th

2246

01:49:13,270 --> 01:49:10,550

century said Parmenter Yogananda and

2247

01:49:15,160 --> 01:49:13,280

Manley P Hall in the early part of the

2248

01:49:18,010 --> 01:49:15,170

20th century is that humanity's

2249

01:49:22,590 --> 01:49:18,020

technological capacity is advancing so

2250

01:49:24,970 --> 01:49:22,600

quickly that it's outstripping by

2251

01:49:27,190 --> 01:49:24,980

exponential factors is outstripping

2252

01:49:29,770 --> 01:49:27,200

humanity's wisdom and capability

2253

01:49:33,310 --> 01:49:29,780

capability of handling it and using it

2254

01:49:34,990 --> 01:49:33,320

humanely and you know all you have to do

2255

01:49:37,150 --> 01:49:35,000

is look online and you'll see that

2256

01:49:39,700 --> 01:49:37,160

that's the case you know we have this

2257

01:49:42,520 --> 01:49:39,710

technology which to all intents and

2258

01:49:45,370 --> 01:49:42,530

purposes gives us magical powers both as

2259

01:49:47,050 --> 01:49:45,380

individuals and as groups and what are

2260

01:49:49,960 --> 01:49:47,060

the still the same people that we were

2261

01:49:53,500 --> 01:49:49,970

you know 2,000 years ago we're still the

2262

01:49:55,030 --> 01:49:53,510

same savages you know so we just have

2263

01:49:57,490 --> 01:49:55,040

more we're gonna have more and more and

2264

01:49:59,560 --> 01:49:57,500

more and more powerful tools you know

2265

01:50:03,850 --> 01:49:59,570

the odd of the atom bomb already looks

2266

01:50:07,920 --> 01:50:03,860

like you know a musket so well one of

2267

01:50:10,540 --> 01:50:07,930

the hurdles that third desperately

2268

01:50:14,740 --> 01:50:10,550

trying to overcome right now and this is

2269

01:50:16,960 --> 01:50:14,750

both with DARPA and Sandia and others

2270

01:50:18,820 --> 01:50:16,970

too as well certainly the focus of the

2271

01:50:24,810 --> 01:50:18,830

research and the budgeting right now is

2272

01:50:27,400 --> 01:50:24,820

a neural interface and that machine to

2273

01:50:30,670 --> 01:50:27,410

biological communication and being able

2274

01:50:33,580 --> 01:50:30,680

to convert that for a multitude of

2275

01:50:36,610 --> 01:50:33,590

reasons one obviously to download your

2276

01:50:40,120 --> 01:50:36,620

your your brain and your memories your

2277

01:50:43,060 --> 01:50:40,130

dreams your thoughts but also a strong

2278

01:50:46,320 --> 01:50:43,070

suggestion into immortality because if

2279

01:50:50,290 --> 01:50:46,330

you could get your soul and your

2280

01:50:53,920 --> 01:50:50,300

consciousness into your memory onto a

2281

01:50:56,550 --> 01:50:53,930

USB Drive well then you're off to the

2282

01:50:58,100 --> 01:50:56,560

paces to living forever

2283

01:51:00,600 --> 01:50:58,110

and the other part of that is

2284

01:51:04,050 --> 01:51:00,610

incorporating that of course into that

2285

01:51:06,770 --> 01:51:04,060

Tron type of artificial reality where

2286

01:51:10,080 --> 01:51:06,780

you would just exist on a chip and that

2287

01:51:11,850 --> 01:51:10,090

is a huge focus right now how close do

2288

01:51:16,920 --> 01:51:11,860

you think we are to downloading our

2289

01:51:20,100 --> 01:51:16,930

brains well I mean to be honest I would

2290

01:51:22,350 --> 01:51:20,110

be surprised if I I would be really

2291

01:51:23,790 --> 01:51:22,360

surprised if you know fairly advanced

2292

01:51:25,500 --> 01:51:23,800

neural machine interfaces haven't

2293

01:51:30,240 --> 01:51:25,510

already been developed in in the

2294

01:51:32,730 --> 01:51:30,250

military world and I think that okay so

2295

01:51:35,550 --> 01:51:32,740

in terms of whole brain downloading they

2296

01:51:39,990 --> 01:51:35,560

certainly discussed it as a potential

2297

01:51:42,150 --> 01:51:40,000

way to model even a strong AI that said

2298

01:51:43,410 --> 01:51:42,160

you know my honest take on this is I

2299

01:51:46,230 --> 01:51:43,420

don't think they're gonna be able to do

2300

01:51:47,790 --> 01:51:46,240

it I don't think that the you know and

2301

01:51:50,460 --> 01:51:47,800

it's not even just a romantic thing I

2302

01:51:53,060 --> 01:51:50,470

don't think that the what it is that

2303

01:51:57,990 --> 01:51:53,070

makes a human being conscious can't be

2304

01:51:59,640 --> 01:51:58,000

reduced into a terribly into it right

2305

01:52:00,300 --> 01:51:59,650

onto a USB I just don't think that's

2306

01:52:05,520 --> 01:52:00,310

gonna happen

2307

01:52:07,350 --> 01:52:05,530

they don't look we don't even understand

2308

01:52:09,060 --> 01:52:07,360

what consciousness is and and you know

2309

01:52:11,070 --> 01:52:09,070

as a lifelong meditator and

2310

01:52:13,530 --> 01:52:11,080

Explorer of spiritual traditions I think

2311

01:52:16,230 --> 01:52:13,540

I can pretty pretty authoritative ly

2312

01:52:18,090 --> 01:52:16,240

assure you that the whatever it is that

2313

01:52:19,620 --> 01:52:18,100

we call the human soul I mean most human

2314

01:52:22,590 --> 01:52:19,630

beings haven't even experienced the full

2315

01:52:24,840 --> 01:52:22,600

capacity of their their the the full

2316

01:52:27,990 --> 01:52:24,850

expansiveness or capacity of that their

2317

01:52:29,520 --> 01:52:28,000

own spiritual levels so yet they don't

2318

01:52:31,470 --> 01:52:29,530

even know what they're playing with it's

2319

01:52:33,660 --> 01:52:31,480

it's that's that you know spirit you

2320

01:52:35,370 --> 01:52:33,670

know spirituality spirituality and the

2321

01:52:36,630 --> 01:52:35,380

spiritual aspects of life into human

2322

01:52:39,660 --> 01:52:36,640

beings are so far beyond anything

2323

01:52:40,950 --> 01:52:39,670

technology will ever be able to do that

2324

01:52:44,730 --> 01:52:40,960

it's just not gonna happen

2325

01:52:47,940 --> 01:52:44,740

but what will happen is as you mentioned

2326

01:52:49,440 --> 01:52:47,950

neural machine interfaces I think that's

2327

01:52:50,760 --> 01:52:49,450

gonna come very quickly and they're

2328

01:52:51,960 --> 01:52:50,770

they're already talking about what

2329

01:52:54,900 --> 01:52:51,970

they're calling the Internet of thoughts

2330

01:52:58,140 --> 01:52:54,910

which is you know when you have a neural

2331

01:52:59,790 --> 01:52:58,150

interface into a machine a computer that

2332

01:53:01,530 --> 01:52:59,800

is then connected to the cloud and then

2333

01:53:03,300 --> 01:53:01,540

you're you know you're ordering things

2334

01:53:05,010 --> 01:53:03,310

on Amazon with thoughts and browsing the

2335

01:53:06,780 --> 01:53:05,020

web with thoughts and communicating with

2336

01:53:08,639 --> 01:53:06,790

people to other people with thoughts and

2337

01:53:11,580 --> 01:53:08,649

then we have essentially a glow

2338

01:53:13,739 --> 01:53:11,590

will telepathic network that's that's

2339

01:53:15,000 --> 01:53:13,749

coming that's gonna happen I don't know

2340

01:53:16,439 --> 01:53:15,010

how extensive it's going to be or how

2341

01:53:17,879 --> 01:53:16,449

quickly it's going to happen but they're

2342

01:53:21,779 --> 01:53:17,889

already talking about it and they're

2343

01:53:23,189 --> 01:53:21,789

already using that terminology and you

2344

01:53:25,350 --> 01:53:23,199

know I don't know I don't know if I want

2345

01:53:28,439 --> 01:53:25,360

to know what's in other people's

2346

01:53:33,439 --> 01:53:28,449

thoughts no right and now and in the way

2347

01:53:37,169 --> 01:53:33,449

that AR is advancing to as well not only

2348

01:53:39,000 --> 01:53:37,179

you can see directly in gaming gaming

2349

01:53:41,250 --> 01:53:39,010

today

2350

01:53:43,649 --> 01:53:41,260

look we go back and look at asteroids

2351
01:53:45,540 --> 01:53:43,659
right or missile command and then look

2352
01:53:46,979 --> 01:53:45,550
at what is going on today it's pretty

2353
01:53:51,179 --> 01:53:46,989
astounding and then there's the other

2354
01:53:54,839 --> 01:53:51,189
part of it that goes on in Hollywood and

2355
01:53:57,239 --> 01:53:54,849
the rendering that is done with with

2356
01:54:01,529 --> 01:53:57,249
that today it's just it's very very

2357
01:54:03,540 --> 01:54:01,539
impressive and you can't tell well maybe

2358
01:54:06,179 --> 01:54:03,550
you can't but it's almost gotten to the

2359
01:54:07,909 --> 01:54:06,189
point where you don't know what is real

2360
01:54:10,469 --> 01:54:07,919
and what is not

2361
01:54:14,459 --> 01:54:10,479
where do you think that is going and if

2362
01:54:20,219 --> 01:54:14,469
you could exist in an AR world would you

2363
01:54:21,569 --> 01:54:20,229

do it in an AR world or a full VR well

2364

01:54:24,569 --> 01:54:21,579

see okay

2365

01:54:27,869 --> 01:54:24,579

now also the lines are blurred between

2366

01:54:31,129 --> 01:54:27,879

the two right well so I guess just to

2367

01:54:34,830 --> 01:54:31,139

define clear so AR augmented reality is

2368

01:54:37,139 --> 01:54:34,840

when you are okay so a good example

2369

01:54:39,719 --> 01:54:37,149

would be you're walking around the mall

2370

01:54:41,790 --> 01:54:39,729

and you hold up your phone in front of

2371

01:54:43,500 --> 01:54:41,800

stores and it displays you know price

2372

01:54:43,739 --> 01:54:43,510

tags and current deals and things like

2373

01:54:45,869 --> 01:54:43,749

that

2374

01:54:48,229 --> 01:54:45,879

AR is when there's an overlay of

2375

01:54:51,239 --> 01:54:48,239

information on top of the world as it is

2376

01:54:53,299 --> 01:54:51,249

and that's coming real quick and that's

2377

01:54:58,589 --> 01:54:53,309

going to be integrated with their lives

2378

01:55:00,119 --> 01:54:58,599

you know much more than VR is so and and

2379

01:55:02,939 --> 01:55:00,129

it's not just it's not just that but I

2380

01:55:05,250 --> 01:55:02,949

mean you know obviously it syncs up with

2381

01:55:12,719 --> 01:55:05,260

the Internet of Things and displays and

2382

01:55:14,159 --> 01:55:12,729

things like that but we are via full VR

2383

01:55:15,779 --> 01:55:14,169

is when you actually go into another

2384

01:55:17,310 --> 01:55:15,789

experience you know so you put the

2385

01:55:19,379 --> 01:55:17,320

helmet on and you go into another world

2386

01:55:20,670 --> 01:55:19,389

instead of it being an overlay on this

2387

01:55:24,210 --> 01:55:20,680

world

2388

01:55:30,120 --> 01:55:24,220

and look at look at pokemons go that's a

2389

01:55:32,670 --> 01:55:30,130

beautiful example of being able to exist

2390

01:55:35,130 --> 01:55:32,680

and it's right there it's on your cell

2391

01:55:39,480 --> 01:55:35,140

phone and you're looking and you're

2392

01:55:43,520 --> 01:55:39,490

walking around in reality right but

2393

01:55:46,110 --> 01:55:43,530

you're you're you're in in game play

2394

01:55:49,290 --> 01:55:46,120

that's right there it's a very simple

2395

01:55:52,890 --> 01:55:49,300

version of it but it is actually running

2396

01:55:56,550 --> 01:55:52,900

so I guess what I'm asking you is if you

2397

01:56:00,420 --> 01:55:56,560

were offered the opportunity to download

2398

01:56:04,580 --> 01:56:00,430

your consciousness your soul and exist

2399

01:56:09,120 --> 01:56:04,590

in an artificial reality a full-on

2400

01:56:11,910 --> 01:56:09,130

version of picah City Seattle you could

2401
01:56:14,850 --> 01:56:11,920
just live there forever would you would

2402
01:56:17,220 --> 01:56:14,860
you make that move I'm not sure I would

2403
01:56:19,320 --> 01:56:17,230
because I'd be worried that you know the

2404
01:56:21,180 --> 01:56:19,330
the promise would be that it would be

2405
01:56:22,470 --> 01:56:21,190
some virtual paradise and then I get

2406
01:56:24,210 --> 01:56:22,480
there and then it would just be some

2407
01:56:26,130 --> 01:56:24,220
machine using my consciousness to mind

2408
01:56:27,390 --> 01:56:26,140
Bitcoin or something like that right

2409
01:56:30,870 --> 01:56:27,400
yeah totally

2410
01:56:35,130 --> 01:56:30,880
well okay now the movie especially the

2411
01:56:39,900 --> 01:56:35,140
first version of it Tron that suggested

2412
01:56:42,830 --> 01:56:39,910
to all of us another world one that

2413
01:56:45,990 --> 01:56:42,840

existed you know on a motherboard and

2414

01:56:48,870 --> 01:56:46,000

the way that Silicon Valley is working

2415

01:56:51,360 --> 01:56:48,880

right now with with qubits and parallel

2416

01:56:54,770 --> 01:56:51,370

worlds now we're strongly suggesting the

2417

01:56:57,330 --> 01:56:54,780

existence of on a scientific level

2418

01:56:59,220 --> 01:56:57,340

multiverse parallel worlds infinite

2419

01:57:03,690 --> 01:56:59,230

parallel worlds where these qubits can

2420

01:57:05,610 --> 01:57:03,700

can run and exist and and compute well

2421

01:57:09,600 --> 01:57:05,620

now we're starting to cross this line

2422

01:57:12,450 --> 01:57:09,610

and when all of the not all but a bunch

2423

01:57:14,480 --> 01:57:12,460

of these heads of giant corporations up

2424

01:57:19,500 --> 01:57:14,490

in Silicon Valley started suggesting

2425

01:57:22,980 --> 01:57:19,510

this this type of world may be real and

2426

01:57:25,220 --> 01:57:22,990

we may be existing in it is suggesting

2427

01:57:27,840 --> 01:57:25,230

that they know something that we don't

2428

01:57:31,170 --> 01:57:27,850

what do you think about science starting

2429

01:57:33,450 --> 01:57:31,180

to prove this direction and it was

2430

01:57:34,750 --> 01:57:33,460

Silicon Valley of all places that is

2431

01:57:37,070 --> 01:57:34,760

leading the way

2432

01:57:39,770 --> 01:57:37,080

well to be honest I don't know a ton

2433

01:57:42,919 --> 01:57:39,780

about that but I do know that certain

2434

01:57:45,229 --> 01:57:42,929

things like the you know there was this

2435

01:57:46,910 --> 01:57:45,239

idea was propagated a few years ago that

2436

01:57:50,120 --> 01:57:46,920

it had been proven that the universe is

2437

01:57:52,160 --> 01:57:50,130

a simulation and things like that a lot

2438

01:57:55,490 --> 01:57:52,170

of times when you see things like that

2439

01:57:58,070 --> 01:57:55,500

what you're actually seeing is you know

2440

01:58:00,589 --> 01:57:58,080

a theory that somebody a hypothesis that

2441

01:58:02,570 --> 01:58:00,599

somebody has proposed that then gets

2442

01:58:04,430 --> 01:58:02,580

picked up by the media and reported as

2443

01:58:06,290 --> 01:58:04,440

if it's fact and I know Neil deGrasse

2444

01:58:08,089 --> 01:58:06,300

Tyson commented on this and kind of

2445

01:58:09,950 --> 01:58:08,099

chucked that out and said it wasn't you

2446

01:58:12,320 --> 01:58:09,960

know wasn't actually it was not the case

2447

01:58:13,939 --> 01:58:12,330

a lot of times you know have also having

2448

01:58:17,089 --> 01:58:13,949

worked as a journalist as a blogger and

2449

01:58:21,919 --> 01:58:17,099

knowing how blogs work bloggers will

2450

01:58:24,350 --> 01:58:21,929

constantly look at scientific studies

2451
01:58:26,120 --> 01:58:24,360
and reports just try and scrape stories

2452
01:58:28,129 --> 01:58:26,130
and sensationalized them as much as

2453
01:58:30,050 --> 01:58:28,139
possible but it's very often they take

2454
01:58:32,120 --> 01:58:30,060
it out of context so I know that for

2455
01:58:34,070 --> 01:58:32,130
instance yeah even the mini world so the

2456
01:58:35,810 --> 01:58:34,080
many-worlds hypothesis of quantum

2457
01:58:38,839 --> 01:58:35,820
physics which is all the many-worlds

2458
01:58:39,459 --> 01:58:38,849
interpretation of the you know the

2459
01:58:43,459 --> 01:58:39,469
famous

2460
01:58:45,770 --> 01:58:43,469
wave particle experiment is just it all

2461
01:58:48,439 --> 01:58:45,780
that is it's not a it's not you know it

2462
01:58:50,589 --> 01:58:48,449
it suggests that there are different

2463
01:58:53,899 --> 01:58:50,599

realities created at the quantum level

2464

01:58:56,570 --> 01:58:53,909

for any decision or things like that and

2465

01:59:00,410 --> 01:58:56,580

all that was was saying maybe this is a

2466

01:59:02,270 --> 01:59:00,420

possible explanatory interpretation of

2467

01:59:04,070 --> 01:59:02,280

the wave particle duality experiment

2468

01:59:07,939 --> 01:59:04,080

that experiment of course being that a

2469

01:59:09,950 --> 01:59:07,949

wave you know light could be observed as

2470

01:59:11,330 --> 01:59:09,960

a wave or as a particle depending on

2471

01:59:12,709 --> 01:59:11,340

what they were looking for and it is

2472

01:59:14,959 --> 01:59:12,719

good to be in a quantum quantum

2473

01:59:16,609 --> 01:59:14,969

superimposed and it seemed to be both at

2474

01:59:19,729 --> 01:59:16,619

once and nobody couldn't figure that out

2475

01:59:21,379 --> 01:59:19,739

and one of the hypotheses was that there

2476

01:59:24,140 --> 01:59:21,389

were multi you know that different

2477

01:59:26,689 --> 01:59:24,150

universes were created depending on what

2478

01:59:28,910 --> 01:59:26,699

was observed but that's not like a sign

2479

01:59:30,740 --> 01:59:28,920

that that's not all that is is an idea

2480

01:59:32,300 --> 01:59:30,750

that was thrown out it's not something

2481

01:59:34,609 --> 01:59:32,310

that's been scientifically tested and

2482

01:59:36,169 --> 01:59:34,619

validated so a lot of times what happens

2483

01:59:38,510 --> 01:59:36,179

in the media is things like that get

2484

01:59:41,720 --> 01:59:38,520

picked up and reported as if they are

2485

01:59:43,010 --> 01:59:41,730

valid scientific truth and that's kind

2486

01:59:45,110 --> 01:59:43,020

of what happened with the universe as a

2487

01:59:49,160 --> 01:59:45,120

simulation thing

2488

01:59:50,570 --> 01:59:49,170

you know I I went through we got to hit

2489

01:59:52,070 --> 01:59:50,580

a break here in about two minutes but I

2490

01:59:53,870 --> 01:59:52,080

went through a heavy amount of research

2491

02:00:00,110 --> 01:59:53,880

over the last year into simulation

2492

02:00:03,280 --> 02:00:00,120

theory and the those that are you know

2493

02:00:06,500 --> 02:00:03,290

like Leonard Susskind and you know these

2494

02:00:09,980 --> 02:00:06,510

theoretical physicists in quantum these

2495

02:00:12,800 --> 02:00:09,990

guys are very very bright and for them

2496

02:00:17,960 --> 02:00:12,810

to step back and say hey well you know

2497

02:00:20,240 --> 02:00:17,970

actually this is possible so it's a

2498

02:00:21,680 --> 02:00:20,250

rabbit hole right Jason you go down this

2499

02:00:24,260 --> 02:00:21,690

rabbit hole you listen to these guys

2500

02:00:31,100 --> 02:00:24,270

that are a lot smarter than I am

2501

02:00:33,620 --> 02:00:31,110

and I don't think that they could be I

2502

02:00:37,640 --> 02:00:33,630

think succored is the wrong word but

2503

02:00:39,380 --> 02:00:37,650

pull down a road that they wouldn't feel

2504

02:00:42,200 --> 02:00:39,390

comfortable with unless there was some

2505

02:00:44,030 --> 02:00:42,210

scientific fact behind it and that's the

2506

02:00:47,210 --> 02:00:44,040

frightening part was when you go and

2507

02:00:48,890 --> 02:00:47,220

listen to these theoretical physicists

2508

02:00:51,410 --> 02:00:48,900

and these string theory guys in these

2509

02:00:54,380 --> 02:00:51,420

quantum guys where they are suggesting

2510

02:00:57,590 --> 02:00:54,390

just that well you know math is math and

2511

02:01:00,620 --> 02:00:57,600

and this could be a simulation and

2512

02:01:02,390 --> 02:01:00,630

that's that's what's scary to me is you

2513

02:01:04,550 --> 02:01:02,400

start to believe because these are

2514

02:01:06,770 --> 02:01:04,560

people that are smarter than you you

2515

02:01:08,750 --> 02:01:06,780

know what I mean right but they could

2516

02:01:11,570 --> 02:01:08,760

also be saying you know just saying it's

2517

02:01:13,280 --> 02:01:11,580

possible all that that may mean is we

2518

02:01:15,440 --> 02:01:13,290

haven't you know we haven't tested it

2519

02:01:17,210 --> 02:01:15,450

but we can't you know from the

2520

02:01:18,530 --> 02:01:17,220

scientific just in the scientific

2521

02:01:20,480 --> 02:01:18,540

discourse I mean what they may be saying

2522

02:01:24,380 --> 02:01:20,490

by saying it's possible is just that we

2523

02:01:26,630 --> 02:01:24,390

can't invalidate it we get you know that

2524

02:01:28,400 --> 02:01:26,640

we can't say that it's not true based on

2525

02:01:29,930 --> 02:01:28,410

current data but that it you know maybe

2526

02:01:31,850 --> 02:01:29,940

the experiments could be done to

2527

02:01:33,440 --> 02:01:31,860

determine it so you know they're not

2528

02:01:35,450 --> 02:01:33,450

saying that it's true they're de saying

2529

02:01:37,370 --> 02:01:35,460

that you know we can't say it's not true

2530

02:01:39,830 --> 02:01:37,380

but that doesn't necessarily mean that

2531

02:01:41,810 --> 02:01:39,840

it's the case but you know it turns as a

2532

02:01:43,280 --> 02:01:41,820

simulation theory is the universal

2533

02:01:45,080 --> 02:01:43,290

simulation well I mean this is what

2534

02:01:46,880 --> 02:01:45,090

every religion says it's it's you know

2535

02:01:48,820 --> 02:01:46,890

if you believe in God then you believe

2536

02:01:51,220 --> 02:01:48,830

that the universe is is you know

2537

02:01:54,680 --> 02:01:51,230

creation it's the same as a simulation

2538

02:01:57,169 --> 02:01:54,690

so I think for spiritual people this is

2539

02:01:59,209 --> 02:01:57,179

not so disconcerting but

2540

02:02:01,219 --> 02:01:59,219

that's a heavy thought that one I got a

2541

02:02:02,479 --> 02:02:01,229

contemplate during this commercial right

2542

02:02:04,370 --> 02:02:02,489

that is heavy

2543

02:02:07,489 --> 02:02:04,380

that's heavy that was good that was good

2544

02:02:09,229 --> 02:02:07,499

our guest tonight Jason Louvre we're

2545

02:02:10,850 --> 02:02:09,239

talking tech we're gonna pick up where

2546

02:02:12,830 --> 02:02:10,860

we left off right after this short break

2547

02:02:16,500 --> 02:02:12,840

I'm Jimmy church this is fade to black

2548

02:02:29,479 --> 02:02:22,089

[Music]

2549

02:02:32,270 --> 02:02:29,489

Jimmy Church radio calm this is kg are a

2550

02:02:33,290 --> 02:02:32,280

digital broadcasting station Salt Lake

2551
02:02:38,060 --> 02:02:33,300
City Utah

2552
02:02:40,490 --> 02:02:38,070
Van Buren Arkansas let's get this man to

2553
02:02:42,799 --> 02:02:40,500
the ER stat right away doctor we see

2554
02:02:45,229 --> 02:02:42,809
this every day heart attack or angina

2555
02:02:47,780 --> 02:02:45,239
pain due to blocked and clogged arteries

2556
02:02:49,609 --> 02:02:47,790
chelation can remove obstructions or

2557
02:02:51,770 --> 02:02:49,619
blockages from arteries and help avoid

2558
02:02:54,319 --> 02:02:51,780
painful and expensive surgery

2559
02:02:55,970 --> 02:02:54,329
now there's angiogram it's a liquid oral

2560
02:02:58,370 --> 02:02:55,980
chelation product that you take with

2561
02:03:00,709 --> 02:02:58,380
juice you start to feel the results fast

2562
02:03:02,720 --> 02:03:00,719
angio primm increases blood flow all

2563
02:03:04,580 --> 02:03:02,730

over the body and that means more energy

2564

02:03:07,100 --> 02:03:04,590

and strength to take on the day with

2565

02:03:09,169 --> 02:03:07,110

less aches and pains 60 years of

2566

02:03:12,260 --> 02:03:09,179

research has gone into chelation and

2567

02:03:14,510 --> 02:03:12,270

angiogram is the result a safe and easy

2568

02:03:16,669 --> 02:03:14,520

way to unblock your veins and arteries

2569

02:03:18,530 --> 02:03:16,679

from buildup that slow circulation

2570

02:03:20,359 --> 02:03:18,540

shaping dr. Jones please report to the

2571

02:03:22,520 --> 02:03:20,369

emergency room right away log on now for

2572

02:03:26,240 --> 02:03:22,530

a special radio offer from angio primm

2573

02:03:30,080 --> 02:03:26,250

that's angio prim comm slash radio a ng

2574

02:03:31,640 --> 02:03:30,090

IO PRI M angio prim comm / radio are

2575

02:03:33,470 --> 02:03:31,650

called eight seven seven eight eight to

2576

02:03:35,209 --> 02:03:33,480

seventy two twenty one that's eight

2577

02:03:39,770 --> 02:03:35,219

seven seven eight eight to seventy two

2578

02:03:43,100 --> 02:03:39,780

twenty one so you love talk radio then

2579

02:03:46,189 --> 02:03:43,110

you'll love talk stream live.com talk

2580

02:03:48,200 --> 02:03:46,199

stream live is always on 24/7 with the

2581

02:03:50,149 --> 02:03:48,210

best streaming talk shows find your

2582

02:03:52,430 --> 02:03:50,159

favorite talkers and discover some new

2583

02:03:55,459 --> 02:03:52,440

ones it's free readily available online

2584

02:03:57,350 --> 02:03:55,469

or on the smartphone or tablet finding

2585

02:04:00,080 --> 02:03:57,360

your favorite talk shows all in one

2586

02:04:02,689 --> 02:04:00,090

place has gotten a whole lot easier just

2587

02:04:04,640 --> 02:04:02,699

go to tox-screen live.com be sure to

2588

02:04:08,899 --> 02:04:04,650

download the free apps from Google Play

2589

02:04:09,460 --> 02:04:08,909

or the itunes app store your contact for

2590

02:04:13,320 --> 02:04:09,470

current

2591

02:04:16,360 --> 02:04:13,330

and trending topics gay GRA radio.com

2592

02:04:17,200 --> 02:04:16,370

what can I say about the most popular T

2593

02:04:19,420 --> 02:04:17,210

on the Internet

2594

02:04:23,230 --> 02:04:19,430

and what a customers say about life

2595

02:04:26,200 --> 02:04:23,240

change T at get the T calm a lot but by

2596

02:04:28,360 --> 02:04:26,210

federal law we get the T DICOM cannot

2597

02:04:30,850 --> 02:04:28,370

make claims to how this product can

2598

02:04:32,440 --> 02:04:30,860

enhance your health we cannot even post

2599

02:04:35,230 --> 02:04:32,450

our testimonies without being in

2600

02:04:37,480 --> 02:04:35,240

compliance so how do we get past the

2601
02:04:40,810 --> 02:04:37,490
hump try our products that get the T

2602
02:04:43,720 --> 02:04:40,820
calm and see for yourself you can send

2603
02:04:44,790 --> 02:04:43,730
us a testimony but we just can't post it

2604
02:04:48,760 --> 02:04:44,800
bummer

2605
02:04:50,410 --> 02:04:48,770
our products are GMO free and organic we

2606
02:04:52,810 --> 02:04:50,420
pride ourself in being the best we can

2607
02:04:55,870 --> 02:04:52,820
be and we urge you to take charge of

2608
02:04:57,760 --> 02:04:55,880
your health we're loving your strong and

2609
02:04:59,680 --> 02:04:57,770
many of our customers have shared their

2610
02:05:02,400 --> 02:04:59,690
successes with friends and family

2611
02:05:07,930 --> 02:05:02,410
protect your colon log on to get the

2612
02:05:13,900 --> 02:05:07,940
t.com that's get the t.com get the t.com

2613
02:05:15,760 --> 02:05:13,910

get the t.com did you know that when

2614

02:05:18,010 --> 02:05:15,770

you're on the road with limited data or

2615

02:05:20,200 --> 02:05:18,020

Wi-Fi available you can still listen to

2616

02:05:22,570 --> 02:05:20,210

every minute of fade to black by just

2617

02:05:25,360 --> 02:05:22,580

calling six oh five five six two four

2618

02:05:27,760 --> 02:05:25,370

four eight two no smart phone app or

2619

02:05:29,770 --> 02:05:27,770

internet needed it saves your data plan

2620

02:05:33,250 --> 02:05:29,780

and no extra cost if you have unlimited

2621

02:05:35,590 --> 02:05:33,260

minutes just call six oh five five six

2622

02:05:38,020 --> 02:05:35,600

two four four eight two you can listen

2623

02:05:49,940 --> 02:05:38,030

to me Jimmy Church on any phone anytime

2624

02:05:57,290 --> 02:05:54,660

you wanna know a secret I love ponies I

2625

02:05:59,910 --> 02:05:57,300

really love ponies I'm serious I

2626

02:06:03,810 --> 02:05:59,920

couldn't stay stable without poor mr.

2627

02:06:09,050 --> 02:06:03,820

Brooks why fade to black because you

2628

02:06:13,020 --> 02:06:10,890

this is fade to black

2629

02:06:16,710 --> 02:06:13,030

with Jimmy Church on the game changer

2630

02:06:25,850 --> 02:06:16,720

radio network and kgr a the global radio

2631

02:06:34,860 --> 02:06:31,070

[Music]

2632

02:06:36,210 --> 02:06:34,870

welcome back fade to black I'm you know

2633

02:06:40,350 --> 02:06:36,220

Jimmy Church you can follow me on

2634

02:06:43,970 --> 02:06:40,360

Twitter at JD Radio you can follow Jason

2635

02:06:46,650 --> 02:06:43,980

at jasonlew he's right there

2636

02:06:49,650 --> 02:06:46,660

great conversation about technology

2637

02:06:53,090 --> 02:06:49,660

tonight and now Jason I want to shift

2638

02:06:59,130 --> 02:06:53,100

gears a little bit and and talk about

2639

02:07:01,320 --> 02:06:59,140

our privacy on the Internet and also are

2640

02:07:06,660 --> 02:07:01,330

we at the point now where we have to

2641

02:07:09,780 --> 02:07:06,670

accept ourselves as a data set that that

2642

02:07:13,670 --> 02:07:09,790

is the nature of things it's going to

2643

02:07:17,580 --> 02:07:13,680

happen your personality your traits our

2644

02:07:19,530 --> 02:07:17,590

data and valuable data and will be

2645

02:07:22,050 --> 02:07:19,540

bought and sold and there's not much you

2646

02:07:23,820 --> 02:07:22,060

can do about it yeah I mean well if you

2647

02:07:26,660 --> 02:07:23,830

want to use Facebook absolutely the

2648

02:07:30,000 --> 02:07:26,670

Facebook of course is the greatest

2649

02:07:33,030 --> 02:07:30,010

intruder into human privacy possibly in

2650

02:07:36,930 --> 02:07:33,040

in human history and then the other ones

2651

02:07:39,030 --> 02:07:36,940

as well and if you want to can its

2652

02:07:41,220 --> 02:07:39,040

that's kind of the it's the it's the the

2653

02:07:43,620 --> 02:07:41,230

devil's bargain you know if you want to

2654

02:07:45,720 --> 02:07:43,630

play you want to get the Faustian power

2655

02:07:47,910 --> 02:07:45,730

of technology well you know the devil's

2656

02:07:51,360 --> 02:07:47,920

got to get it got to get something too

2657

02:07:52,920 --> 02:07:51,370

and that's how it is currently I mean

2658

02:07:55,920 --> 02:07:52,930

there's things happening like the GDP

2659

02:07:57,480 --> 02:07:55,930

are in Europe you know things things are

2660

02:08:00,030 --> 02:07:57,490

certainly changing people are becoming

2661

02:08:01,560 --> 02:08:00,040

much more aware about about this there's

2662

02:08:03,810 --> 02:08:01,570

been a lot of pushback and I think that

2663

02:08:06,240 --> 02:08:03,820

people should be able to continue to

2664

02:08:12,150 --> 02:08:06,250

push back against invasion of their

2665

02:08:14,970 --> 02:08:12,160

privacy and but currently to all intents

2666

02:08:16,620 --> 02:08:14,980

and purposes yeah I mean if you ever use

2667

02:08:20,280 --> 02:08:16,630

Facebook you're a data set if you've

2668

02:08:21,720 --> 02:08:20,290

ever used Google you're a data set if

2669

02:08:23,010 --> 02:08:21,730

you've ever used Amazon you're a data

2670

02:08:25,050 --> 02:08:23,020

set if you've ever used

2671

02:08:26,280 --> 02:08:25,060

you know net if you're gonna sit on the

2672

02:08:28,050 --> 02:08:26,290

web yeah exactly

2673

02:08:30,990 --> 02:08:28,060

you know but it's like but to be too

2674

02:08:33,270 --> 02:08:31,000

honest with you also you know as a small

2675

02:08:35,250 --> 02:08:33,280

businessman and you know doing business

2676

02:08:37,330 --> 02:08:35,260

online and using all these tools you

2677

02:08:41,900 --> 02:08:37,340

know it's it's

2678

02:08:43,400 --> 02:08:41,910

the flip side of that is it's this this

2679

02:08:46,850 --> 02:08:43,410

the ability to do this is pretty much

2680

02:08:49,070 --> 02:08:46,860

democratized and it's never been easier

2681

02:08:51,860 --> 02:08:49,080

to start a business than now I mean

2682

02:08:54,050 --> 02:08:51,870

anybody can get on use amazon web

2683

02:08:56,990 --> 02:08:54,060

servers on cloud services or google

2684

02:08:59,150 --> 02:08:57,000

cloud and use anyone can use facebook

2685

02:09:02,240 --> 02:08:59,160

advertising to target just the you know

2686

02:09:04,160 --> 02:09:02,250

you can create a product and build a

2687

02:09:05,960 --> 02:09:04,170

webpage to sell it and then use facebook

2688

02:09:09,110 --> 02:09:05,970

ads to target exactly the people that

2689

02:09:11,510 --> 02:09:09,120

you know want to buy it and and so this

2690

02:09:13,760 --> 02:09:11,520

isn't it's not like this stuff is only

2691

02:09:15,590 --> 02:09:13,770

in the hands of big corporations it's

2692

02:09:17,480 --> 02:09:15,600

it's it's also in the hands of anybody

2693

02:09:21,050 --> 02:09:17,490

who's willing to learn how to use it and

2694

02:09:23,900 --> 02:09:21,060

it's not that hard to learn so I think

2695

02:09:25,130 --> 02:09:23,910

it's just part of it's part of the

2696

02:09:28,640 --> 02:09:25,140

evolutionary process and the

2697

02:09:30,200 --> 02:09:28,650

evolutionary curve and it's it's you

2698

02:09:32,420 --> 02:09:30,210

know it's good and bad but there's a lot

2699

02:09:33,950 --> 02:09:32,430

of good you know I I would not want to

2700

02:09:36,680 --> 02:09:33,960

live it any other time in history than

2701
02:09:38,360 --> 02:09:36,690
this you know for a guy as nerdy as I am

2702
02:09:41,030 --> 02:09:38,370
technology allows me to live a pretty

2703
02:09:45,200 --> 02:09:41,040
good lifestyle yeah and and I can

2704
02:09:47,300 --> 02:09:45,210
appreciate all of that too but I again

2705
02:09:52,160 --> 02:09:47,310
to use the word flip side the other side

2706
02:09:56,440 --> 02:09:52,170
of this is so many millions hundreds of

2707
02:09:58,970 --> 02:09:56,450
millions were shocked to find out that

2708
02:10:01,940 --> 02:09:58,980
this type of collection was going on

2709
02:10:06,500 --> 02:10:01,950
when I went and looked at my facebook

2710
02:10:09,650 --> 02:10:06,510
file mine was 1.2 gigabytes

2711
02:10:11,990 --> 02:10:09,660
I did notice others that were saying it

2712
02:10:16,880 --> 02:10:12,000
was 250 megabytes or was 300 megabytes

2713
02:10:21,170 --> 02:10:16,890

but I went and looked and the the amount

2714

02:10:23,900 --> 02:10:21,180

of data that was there which was phone

2715

02:10:25,940 --> 02:10:23,910

numbers of contacts and people and and

2716

02:10:29,060 --> 02:10:25,950

and name it's some that I had never

2717

02:10:33,260 --> 02:10:29,070

contacted before certainly there was

2718

02:10:36,860 --> 02:10:33,270

information there in my data file that

2719

02:10:39,440 --> 02:10:36,870

wasn't stuff that I had had and I'm

2720

02:10:41,540 --> 02:10:39,450

talking about personal information on

2721

02:10:44,720 --> 02:10:41,550

others and you go down there and you

2722

02:10:47,420 --> 02:10:44,730

look and there's phone numbers and and

2723

02:10:49,879 --> 02:10:47,430

addresses and information for people

2724

02:10:54,020 --> 02:10:49,889

that I don't even know but yet

2725

02:10:56,629 --> 02:10:54,030

they're in my facebook file and that's a

2726

02:10:58,549 --> 02:10:56,639

frightening thought what what if I'll

2727

02:10:59,889 --> 02:10:58,559

give you an example of where I think

2728

02:11:06,339 --> 02:10:59,899

this could be used in the wrong way

2729

02:11:09,429 --> 02:11:06,349

somebody gets arrested for murder in

2730

02:11:11,689 --> 02:11:09,439

Louisiana I don't know this person

2731

02:11:13,489 --> 02:11:11,699

they're not in my phonebook I've never

2732

02:11:15,620 --> 02:11:13,499

talked to him I don't know anything

2733

02:11:19,189 --> 02:11:15,630

about them but they go through their

2734

02:11:22,639 --> 02:11:19,199

data file and I pop up on that and I get

2735

02:11:25,520 --> 02:11:22,649

a phone call in an investigation for

2736

02:11:28,040 --> 02:11:25,530

somebody that I know nothing about and

2737

02:11:30,409 --> 02:11:28,050

that's and and now they're starting to

2738

02:11:35,509 --> 02:11:30,419

connect these dots through a spiderweb

2739

02:11:37,489 --> 02:11:35,519

of somebody that two people that have

2740

02:11:41,270 --> 02:11:37,499

never met that know nothing about each

2741

02:11:43,609 --> 02:11:41,280

other and yeah sure but hey I mean have

2742

02:11:45,109 --> 02:11:43,619

you ever have you ever looked at the

2743

02:11:48,109 --> 02:11:45,119

technology the private investigators

2744

02:11:49,879 --> 02:11:48,119

have yeah and see yes yes and that's the

2745

02:11:54,229 --> 02:11:49,889

that's the other powers actually going

2746

02:12:00,139 --> 02:11:54,239

to go there the the the one of the

2747

02:12:01,489 --> 02:12:00,149

biggest how do I want to say this I

2748

02:12:03,290 --> 02:12:01,499

don't want to say money-making but

2749

02:12:06,139 --> 02:12:03,300

certainly that's what it is is data

2750

02:12:08,659 --> 02:12:06,149

collection and and there are companies

2751
02:12:13,129 --> 02:12:08,669
out there that literally have a data

2752
02:12:17,419 --> 02:12:13,139
file file on every single person in the

2753
02:12:22,040 --> 02:12:17,429
United States every single one nobody is

2754
02:12:25,219 --> 02:12:22,050
off that list and the number one and

2755
02:12:28,069 --> 02:12:25,229
I've read so much on this the number one

2756
02:12:32,449 --> 02:12:28,079
data set that they want to acquire first

2757
02:12:35,239 --> 02:12:32,459
is a newborn because now from day one

2758
02:12:38,479 --> 02:12:35,249
you are able to get their complete

2759
02:12:40,429 --> 02:12:38,489
personality on file not from somebody

2760
02:12:42,949 --> 02:12:40,439
that's 35 right

2761
02:12:45,049 --> 02:12:42,959
okay you want somebody's traits and

2762
02:12:48,379 --> 02:12:45,059
Abbot's from the day that they are born

2763
02:12:52,219 --> 02:12:48,389

and and that's where they go first these

2764

02:12:54,350 --> 02:12:52,229

days now that that to me is is not cool

2765

02:12:58,120 --> 02:12:54,360

but it's where we are and I don't know

2766

02:13:00,760 --> 02:12:58,130

if that can be reversed it simply can't

2767

02:13:01,870 --> 02:13:00,770

right I mean one of the the point I was

2768

02:13:04,090 --> 02:13:01,880

gonna make about that private

2769

02:13:06,250 --> 02:13:04,100

investigator database is anybody with a

2770

02:13:08,260 --> 02:13:06,260

a licensed private license to be a

2771

02:13:10,090 --> 02:13:08,270

private investigator can it get access

2772

02:13:11,680 --> 02:13:10,100

you know for a small amount of money to

2773

02:13:16,000 --> 02:13:11,690

a database where they can look you up

2774

02:13:18,190 --> 02:13:16,010

and see a visual web of everyone in your

2775

02:13:20,200 --> 02:13:18,200

social circle everyone you've been

2776

02:13:22,840 --> 02:13:20,210

connected to relatives who they're

2777

02:13:25,540 --> 02:13:22,850

connected to like you know three three

2778

02:13:27,190 --> 02:13:25,550

levels out everywhere you've lived so

2779

02:13:31,120 --> 02:13:27,200

it's not like that information isn't

2780

02:13:33,160 --> 02:13:31,130

already there but of course you know the

2781

02:13:36,310 --> 02:13:33,170

name of the gold of the future is data

2782

02:13:38,050 --> 02:13:36,320

data is the most valuable substance on

2783

02:13:40,300 --> 02:13:38,060

the planet at the moment that's why all

2784

02:13:42,760 --> 02:13:40,310

these companies want it that's why these

2785

02:13:45,940 --> 02:13:42,770

big companies like Facebook ok Facebook

2786

02:13:47,890 --> 02:13:45,950

is Facebook will associate I know

2787

02:13:51,250 --> 02:13:47,900

they're a data collection company and

2788

02:13:53,350 --> 02:13:51,260

that data is really really important for

2789

02:13:56,290 --> 02:13:53,360

many reasons one is of course the

2790

02:13:58,300 --> 02:13:56,300

ability to collect information about

2791

02:14:00,310 --> 02:13:58,310

people that allows advertising to be

2792

02:14:02,140 --> 02:14:00,320

served to them accurately that's you

2793

02:14:04,720 --> 02:14:02,150

know advertising is how Google and

2794

02:14:07,030 --> 02:14:04,730

Facebook have become the among the

2795

02:14:08,440 --> 02:14:07,040

biggest companies on the planet and of

2796

02:14:10,420 --> 02:14:08,450

course working with Amazon you know

2797

02:14:13,540 --> 02:14:10,430

that's a that's how Amazon has become

2798

02:14:16,510 --> 02:14:13,550

the biggest retailer on the planet but

2799

02:14:19,320 --> 02:14:16,520

the other one is is training a is it's

2800

02:14:21,580 --> 02:14:19,330

not just predictive analysis and and

2801

02:14:23,620 --> 02:14:21,590

advertising but it's it's training a

2802

02:14:25,810 --> 02:14:23,630

eyes that's that's the next level of

2803

02:14:32,050 --> 02:14:25,820

this putting machine out of machine

2804

02:14:35,770 --> 02:14:32,060

learning algorithms to it I I went and

2805

02:14:40,960 --> 02:14:35,780

signed up this is a while ago but a

2806

02:14:42,400 --> 02:14:40,970

credit protection age I'm not gonna say

2807

02:14:45,280 --> 02:14:42,410

which one but you know one of the big

2808

02:14:47,080 --> 02:14:45,290

names right so I go and I get it and one

2809

02:14:53,560 --> 02:14:47,090

of the you know so I get the premium

2810

02:14:56,650 --> 02:14:53,570

deluxe package right and one of the one

2811

02:14:59,680 --> 02:14:56,660

of the buttons as I log in right there's

2812

02:15:02,049 --> 02:14:59,690

is it's like your history right so I go

2813

02:15:05,560 --> 02:15:02,059

and I click on that and

2814

02:15:09,580 --> 02:15:05,570

okay I expected certain things there

2815

02:15:13,899 --> 02:15:09,590

were things there that I forgot and

2816

02:15:16,589 --> 02:15:13,909

didn't remember for instance where I

2817

02:15:19,750 --> 02:15:16,599

went to an elementary school in

2818

02:15:22,629 --> 02:15:19,760

Kalamazoo for like three months in the

2819

02:15:25,330 --> 02:15:22,639

second grade I it's listed right there

2820

02:15:27,580 --> 02:15:25,340

and I forgot the name of the school but

2821

02:15:30,580 --> 02:15:27,590

it's there and there was a chronological

2822

02:15:35,439 --> 02:15:30,590

history of everywhere that I lived on

2823

02:15:38,529 --> 02:15:35,449

this planet from when I was a kid now

2824

02:15:40,689 --> 02:15:38,539

not as an adult where you where you know

2825

02:15:43,390 --> 02:15:40,699

that you're in the system but I'm

2826

02:15:47,850 --> 02:15:43,400

talking about two three four five six

2827

02:15:51,879 --> 02:15:47,860

seven eight years old and that to me was

2828

02:15:54,939 --> 02:15:51,889

disturbing and that was public m'as I

2829

02:15:57,760 --> 02:15:54,949

had access to it but it's in their

2830

02:15:59,500 --> 02:15:57,770

database and that's nothing that's

2831

02:16:00,850 --> 02:15:59,510

nothing new that's nothing new I mean

2832

02:16:03,310 --> 02:16:00,860

that's just the reality of the world

2833

02:16:06,279 --> 02:16:03,320

that we live in right now

2834

02:16:07,959 --> 02:16:06,289

so I didn't be disturbed by it but I

2835

02:16:09,609 --> 02:16:07,969

mean that's been me things like that I

2836

02:16:11,890 --> 02:16:09,619

mean federal databases and things like

2837

02:16:14,620 --> 02:16:11,900

that that's existed for a long time and

2838

02:16:18,029 --> 02:16:14,630

how do we is there a way to protect our

2839

02:16:20,020 --> 02:16:18,039

information how do you protect yours

2840

02:16:22,209 --> 02:16:20,030

well that's a pretty complicated

2841

02:16:24,459 --> 02:16:22,219

question and and of course the first

2842

02:16:27,729 --> 02:16:24,469

question is what information I mean yes

2843

02:16:29,589 --> 02:16:27,739

you can opt out of data collection in

2844

02:16:31,330 --> 02:16:29,599

various ways you can certainly the best

2845

02:16:32,500 --> 02:16:31,340

way is just did not use Facebook if

2846

02:16:36,490 --> 02:16:32,510

you're really concerned about privacy

2847

02:16:40,290 --> 02:16:36,500

don't use Facebook but you know there's

2848

02:16:43,480 --> 02:16:40,300

a lot of ways using VPNs using tor using

2849

02:16:45,070 --> 02:16:43,490

certainly they're you know here's the

2850

02:16:47,169 --> 02:16:45,080

bottom line if you really want to learn

2851

02:16:49,419 --> 02:16:47,179

how to protect your information go to

2852

02:16:50,769 --> 02:16:49,429

the electronic freedom foundation so

2853

02:16:53,950 --> 02:16:50,779

it's e F F dot org

2854

02:16:57,849 --> 02:16:53,960

and they have guides user guides on how

2855

02:16:59,919 --> 02:16:57,859

to maintain anonymity on the Internet

2856

02:17:01,900 --> 02:16:59,929

and protect your information and there's

2857

02:17:04,660 --> 02:17:01,910

a lot of steps you know it's a real

2858

02:17:08,259 --> 02:17:04,670

multi-layered process but the big ones

2859

02:17:12,070 --> 02:17:08,269

are using a password manager using a VPN

2860

02:17:14,530 --> 02:17:12,080

using tor and then you can also get

2861

02:17:14,860 --> 02:17:14,540

browser extensions that will block all

2862

02:17:16,390 --> 02:17:14,870

that

2863

02:17:18,190 --> 02:17:16,400

Journal Java scripts and things like

2864

02:17:20,800 --> 02:17:18,200

that from collecting and scraping your

2865

02:17:23,260 --> 02:17:20,810

data so there's there's a lot there's a

2866

02:17:26,050 --> 02:17:23,270

lot can be done of course it's quite

2867

02:17:28,840 --> 02:17:26,060

easy to protect your information from

2868

02:17:30,280 --> 02:17:28,850

let's say websites collecting it and

2869

02:17:32,169 --> 02:17:30,290

Facebook and things like that that's

2870

02:17:33,850 --> 02:17:32,179

pretty straightforward but when we talk

2871

02:17:35,890 --> 02:17:33,860

about pretty you know you know there's

2872

02:17:37,270 --> 02:17:35,900

there's no protection from the NSA or

2873

02:17:38,470 --> 02:17:37,280

something like that you know it's just

2874

02:17:41,860 --> 02:17:38,480

this is not gonna happen

2875

02:17:43,600 --> 02:17:41,870

they're so advanced and you know so it's

2876

02:17:45,459 --> 02:17:43,610

like you just have to live you have to

2877

02:17:48,669 --> 02:17:45,469

live in a world where you assume that

2878

02:17:50,560 --> 02:17:48,679

you're in public all the time and that's

2879

02:17:53,250 --> 02:17:50,570

just the reality of it now I mean that's

2880

02:17:56,560 --> 02:17:53,260

just that's just where we're at now

2881

02:17:59,440 --> 02:17:56,570

there's one last thing that I want to

2882

02:18:01,060 --> 02:17:59,450

spend some time on tonight which is when

2883

02:18:04,890 --> 02:18:01,070

we talk about Big Brother when we talk

2884

02:18:07,270 --> 02:18:04,900

about information we can't escape that

2885

02:18:10,030 --> 02:18:07,280

subject without talking about fake news

2886

02:18:10,800 --> 02:18:10,040

what we went through in 2016 we saw it

2887

02:18:13,120 --> 02:18:10,810

coming

2888

02:18:15,970 --> 02:18:13,130

certainly we've been warned about it for

2889

02:18:18,870 --> 02:18:15,980

a long time but we were faced with it on

2890

02:18:21,520 --> 02:18:18,880

a global scale this wasn't anything

2891

02:18:23,530 --> 02:18:21,530

isolated to any one country the internet

2892

02:18:29,459 --> 02:18:23,540

reaches around the world that's a given

2893

02:18:32,650 --> 02:18:29,469

but now we have to use our best judgment

2894

02:18:37,300 --> 02:18:32,660

constantly on what is real and what is

2895

02:18:40,300 --> 02:18:37,310

not and the mass media is was also and

2896

02:18:42,790 --> 02:18:40,310

still continues to to be a part of that

2897

02:18:48,129 --> 02:18:42,800

too as well and other websites out there

2898

02:18:52,450 --> 02:18:48,139

where they can guide emotion and and

2899

02:18:54,610 --> 02:18:52,460

fool people what again I I realized this

2900

02:18:58,480 --> 02:18:54,620

is the world that we are living in but

2901
02:19:00,370 --> 02:18:58,490
what do we do about this learn how to

2902
02:19:03,040 --> 02:19:00,380
think critically I mean it's the same

2903
02:19:05,680 --> 02:19:03,050
it's this look I mean what did we do

2904
02:19:07,690 --> 02:19:05,690
with television or a broadcast TV and

2905
02:19:09,040 --> 02:19:07,700
cable I mean you don't think those were

2906
02:19:10,660 --> 02:19:09,050
manipulating your emotions

2907
02:19:12,879 --> 02:19:10,670
that's right selling you a false reality

2908
02:19:14,860 --> 02:19:12,889
it's not any different it's just a

2909
02:19:18,340 --> 02:19:14,870
little bit more frantic and sped up now

2910
02:19:22,230 --> 02:19:18,350
so you know I think that the two things

2911
02:19:24,760 --> 02:19:22,240
that the two things that I really try to

2912
02:19:28,690 --> 02:19:24,770
hit people to or urge people to

2913
02:19:30,910 --> 02:19:28,700

investigate one is media literacy

2914

02:19:33,160 --> 02:19:30,920

critical thinking you know take a class

2915

02:19:35,080 --> 02:19:33,170

on media literacy or read a book on you

2916

02:19:36,759 --> 02:19:35,090

know understand how the media works the

2917

02:19:37,929 --> 02:19:36,769

media is not your friend and it's not

2918

02:19:39,940 --> 02:19:37,939

because there's sinister or

2919

02:19:43,870 --> 02:19:39,950

conspiratorial it's because their

2920

02:19:45,759 --> 02:19:43,880

business model is to drive attention to

2921

02:19:48,280 --> 02:19:45,769

sell ads that's the business model of

2922

02:19:52,630 --> 02:19:48,290

the media and they figured out about

2923

02:19:55,179 --> 02:19:52,640

four years ago that rage anger is the

2924

02:19:57,040 --> 02:19:55,189

most viral emotion so all of these media

2925

02:19:59,050 --> 02:19:57,050

sources started trying to make people

2926
02:20:00,850 --> 02:19:59,060
outraged about things all the time with

2927
02:20:02,830 --> 02:20:00,860
headlines and clickbait and things like

2928
02:20:05,500 --> 02:20:02,840
that and we saw that fuel the election

2929
02:20:09,490 --> 02:20:05,510
on both sides of the political spectrum

2930
02:20:10,900 --> 02:20:09,500
right and and it's it's nonpartisan it's

2931
02:20:14,469 --> 02:20:10,910
just it's it's just how bit the

2932
02:20:15,670 --> 02:20:14,479
technology has been being abused and you

2933
02:20:17,800 --> 02:20:15,680
know I've worked in the media for my

2934
02:20:19,060 --> 02:20:17,810
whole life I've run media sites and

2935
02:20:21,820 --> 02:20:19,070
things like that so I know how the game

2936
02:20:22,330 --> 02:20:21,830
is played and the media is not your

2937
02:20:25,330 --> 02:20:22,340
friend

2938
02:20:27,460 --> 02:20:25,340

there they're there to sell ads okay

2939

02:20:29,740 --> 02:20:27,470

like and and just to get your eyeballs

2940

02:20:31,630 --> 02:20:29,750

on the ads they will do anything to get

2941

02:20:33,150 --> 02:20:31,640

your attention that's that that's the

2942

02:20:37,020 --> 02:20:33,160

business model that's how it works so

2943

02:20:39,280 --> 02:20:37,030

the other thing is scientific literacy

2944

02:20:40,810 --> 02:20:39,290

that that's what we need more than

2945

02:20:42,640 --> 02:20:40,820

anything and I know this is this is a

2946

02:20:44,170 --> 02:20:42,650

bit fresh coming from a guy like me but

2947

02:20:47,920 --> 02:20:44,180

you know when it's a guy like me saying

2948

02:20:50,320 --> 02:20:47,930

that you know it's really serious but

2949

02:20:52,350 --> 02:20:50,330

you know what I'm one of my favorite

2950

02:20:54,910 --> 02:20:52,360

things that I've were one of the most

2951

02:20:56,590 --> 02:20:54,920

most intense experiences I've had I

2952

02:20:59,860 --> 02:20:56,600

listened to this course called

2953

02:21:02,679 --> 02:20:59,870

your deceptive mind by Steve dr. Steven

2954

02:21:04,990 --> 02:21:02,689

novella who's a neuroscientist and he

2955

02:21:08,200 --> 02:21:05,000

it's it's it's several hours long and

2956

02:21:11,560 --> 02:21:08,210

it's just about how our minds it's not

2957

02:21:13,600 --> 02:21:11,570

only that the media deceives deceives us

2958

02:21:15,910 --> 02:21:13,610

our own minds deceive us because if you

2959

02:21:17,860 --> 02:21:15,920

don't understand science if you don't

2960

02:21:21,700 --> 02:21:17,870

understand it's the scientific method is

2961

02:21:23,260 --> 02:21:21,710

a check against human delusion and being

2962

02:21:25,810 --> 02:21:23,270

led around by your own emotions and

2963

02:21:28,480 --> 02:21:25,820

wishful thinking and confirmation bias

2964

02:21:30,640 --> 02:21:28,490

and what we wish to be true that's that

2965

02:21:32,469 --> 02:21:30,650

that's the biggest problem it's not the

2966

02:21:34,840 --> 02:21:32,479

technology the technology and the

2967

02:21:37,150 --> 02:21:34,850

technology and mabel's our worst aspects

2968

02:21:41,880 --> 02:21:37,160

the technology just enables us the issue

2969

02:21:44,429 --> 02:21:41,890

is that we we assume what is true

2970

02:21:46,139 --> 02:21:44,439

what we want to be true that's the

2971

02:21:48,420 --> 02:21:46,149

problem that's the bug in human

2972

02:21:50,099 --> 02:21:48,430

consciousness we want something to when

2973

02:21:51,899 --> 02:21:50,109

you want something to be true you will

2974

02:21:53,760 --> 02:21:51,909

look for evidence of it being true and

2975

02:21:56,370 --> 02:21:53,770

you will discount evidence of it not

2976

02:21:58,500 --> 02:21:56,380

being true and if that fundamental

2977

02:22:01,710 --> 02:21:58,510

cognitive bias is not checked by

2978

02:22:03,899 --> 02:22:01,720

something like either this you know the

2979

02:22:05,280 --> 02:22:03,909

scientific method or just hanging out

2980

02:22:06,059 --> 02:22:05,290

and talking to people that don't agree

2981

02:22:09,149 --> 02:22:06,069

with you

2982

02:22:12,360 --> 02:22:09,159

then you you just end up in a tunnel of

2983

02:22:14,010 --> 02:22:12,370

delusion and so I think yeah critical

2984

02:22:15,809 --> 02:22:14,020

thinking scientific thinking media

2985

02:22:17,700 --> 02:22:15,819

literacy but it's the same now as it's

2986

02:22:19,410 --> 02:22:17,710

ever been I mean you you look back at

2987

02:22:23,189 --> 02:22:19,420

the Middle Ages look at the crazy stuff

2988

02:22:25,170 --> 02:22:23,199

they believed you know or you know you

2989

02:22:27,870 --> 02:22:25,180

know this is not a new problem

2990

02:22:29,880 --> 02:22:27,880

yeah when when humanity is superstitious

2991

02:22:33,120 --> 02:22:29,890

it's crazy

2992

02:22:38,790 --> 02:22:33,130

for me to look back at what we

2993

02:22:40,439 --> 02:22:38,800

experienced in 2016 I had said I must

2994

02:22:41,729 --> 02:22:40,449

have said it a thousand times on this

2995

02:22:46,050 --> 02:22:41,739

program over the years

2996

02:22:46,679 --> 02:22:46,060

take whatever news headline that you're

2997

02:22:49,679 --> 02:22:46,689

reading

2998

02:22:52,469 --> 02:22:49,689

flip it over 180 degrees and then you're

2999

02:22:55,830 --> 02:22:52,479

probably closer to the truth and and

3000

02:22:59,910 --> 02:22:55,840

what I had said as an example Jason is

3001
02:23:03,450 --> 02:22:59,920
the headline reads cheddar cheese will

3002
02:23:06,269 --> 02:23:03,460
kill you that's the headline right okay

3003
02:23:09,059 --> 02:23:06,279
well the truth is cheddar cheese will

3004
02:23:13,950 --> 02:23:09,069
make you live longer right a bit but

3005
02:23:16,530 --> 02:23:13,960
whatever it is flip it over and then and

3006
02:23:20,479 --> 02:23:16,540
I tried to drive that home and when when

3007
02:23:23,639 --> 02:23:20,489
the fake news stuff started to happen

3008
02:23:27,870 --> 02:23:23,649
from Macedonia or whatever was coming

3009
02:23:30,260 --> 02:23:27,880
out when all of those stories started to

3010
02:23:35,099 --> 02:23:30,270
break and I would see two identical

3011
02:23:37,490 --> 02:23:35,109
stories one that said I'm making this up

3012
02:23:46,349 --> 02:23:37,500
I'm paraphrasing but one that says

3013
02:23:51,269 --> 02:23:46,359

Hilary arrested today for reading Donald

3014

02:23:54,570 --> 02:23:51,279

Trump's emails and sexual acts with with

3015

02:23:55,440 --> 02:23:54,580

you know rabbits right so and then and

3016

02:23:58,950 --> 02:23:55,450

then

3017

02:24:03,631 --> 02:23:58,960

right after that Trump arrested today

3018

02:24:06,180 --> 02:24:03,641

for read for sexual acts with rabbits it

3019

02:24:08,940 --> 02:24:06,190

is just like and and everybody flaming

3020

02:24:11,370 --> 02:24:08,950

up and believing what they were saying

3021

02:24:13,620 --> 02:24:11,380

and in the in these thing and they

3022

02:24:15,660 --> 02:24:13,630

wanted to believe it and no matter what

3023

02:24:17,520 --> 02:24:15,670

they wouldn't go and and take it one

3024

02:24:19,950 --> 02:24:17,530

step further like you're saying go and

3025

02:24:22,921 --> 02:24:19,960

check the source of this that's all you

3026

02:24:26,040 --> 02:24:22,931

got to do find both sides you're right

3027

02:24:26,341 --> 02:24:26,050

it was not partisan it was all over the

3028

02:24:30,000 --> 02:24:26,351

place

3029

02:24:32,940 --> 02:24:30,010

and it was it enabled everybody to just

3030

02:24:36,210 --> 02:24:32,950

argue and fight where they would never

3031

02:24:38,881 --> 02:24:36,220

fight before it was effective well

3032

02:24:40,740 --> 02:24:38,891

that's and that absolutely is the case

3033

02:24:43,230 --> 02:24:40,750

on both sides all sides of the political

3034

02:24:45,330 --> 02:24:43,240

fence and what what I came to realize is

3035

02:24:46,980 --> 02:24:45,340

that when people particularly it seems

3036

02:24:48,900 --> 02:24:46,990

to really be the case with Facebook

3037

02:24:51,060 --> 02:24:48,910

because Facebook is about sharing it's a

3038

02:24:53,430 --> 02:24:51,070

sharing medium and by its very nature

3039

02:24:54,750 --> 02:24:53,440

you're not looking at the whole of the

3040

02:24:56,640 --> 02:24:54,760

news when you read the New York Times

3041

02:24:57,930 --> 02:24:56,650

you get all of the news for the day when

3042

02:25:02,490 --> 02:24:57,940

you're looking on Facebook you just see

3043

02:25:05,160 --> 02:25:02,500

little bits and pieces flying by and the

3044

02:25:07,740 --> 02:25:05,170

thing is that when people share things

3045

02:25:09,301 --> 02:25:07,750

when they read things when they comment

3046

02:25:12,810 --> 02:25:09,311

on things and when they fight about

3047

02:25:13,980 --> 02:25:12,820

things they're it's very rarely about

3048

02:25:15,990 --> 02:25:13,990

they're not concerned with what the

3049

02:25:17,640 --> 02:25:16,000

actual information is they're concerned

3050

02:25:19,530 --> 02:25:17,650

about the the feeling they're getting

3051
02:25:21,390 --> 02:25:19,540
the hit they're getting and what feeling

3052
02:25:22,950 --> 02:25:21,400
of anger the feeling of rage you see a

3053
02:25:25,051 --> 02:25:22,960
headline and you get angry that's it

3054
02:25:26,881 --> 02:25:25,061
that's an addiction right you feel that

3055
02:25:29,900 --> 02:25:26,891
you become addicted to the feeling you

3056
02:25:32,011 --> 02:25:29,910
seek it out and the the the feeling of

3057
02:25:33,450 --> 02:25:32,021
fighting other people the feeling of

3058
02:25:35,580 --> 02:25:33,460
being right I mean I know this is

3059
02:25:37,950 --> 02:25:35,590
because I've done so much of it but but

3060
02:25:40,230 --> 02:25:37,960
it's an addictive feeling and I they

3061
02:25:44,551 --> 02:25:40,240
know that and I know and I you know when

3062
02:25:47,640 --> 02:25:44,561
I was when I was running more more

3063
02:25:50,160 --> 02:25:47,650

frequently ultra culture my blog was

3064

02:25:52,350 --> 02:25:50,170

covering political things you know like

3065

02:25:55,230 --> 02:25:52,360

you know I I knew that so I knew it was

3066

02:25:58,740 --> 02:25:55,240

so easy for me to manipulate the media

3067

02:26:00,330 --> 02:25:58,750

by doing that I by stoking people's rage

3068

02:26:01,921 --> 02:26:00,340

I think I figured that out before this

3069

02:26:04,830 --> 02:26:01,931

is way before fake news I figured that

3070

02:26:06,960 --> 02:26:04,840

out way before most people did and I was

3071

02:26:09,060 --> 02:26:06,970

able to get for instance I did some

3072

02:26:10,860 --> 02:26:09,070

reporting on Monsanto and and I

3073

02:26:13,051 --> 02:26:10,870

figured out how they were manipulating

3074

02:26:14,251 --> 02:26:13,061

the political process and the media and

3075

02:26:16,261 --> 02:26:14,261

things like that and I wrote an article

3076

02:26:18,180 --> 02:26:16,271

around it and I was able to build up

3077

02:26:20,011 --> 02:26:18,190

people's rage around it then it got to

3078

02:26:22,020 --> 02:26:20,021

like the top of Reddit it was like

3079

02:26:24,751 --> 02:26:22,030

number three article on reddit and I

3080

02:26:26,930 --> 02:26:24,761

just understood right then how easy it

3081

02:26:29,190 --> 02:26:26,940

was to manipulate the system by it's

3082

02:26:30,810 --> 02:26:29,200

provoking people's emotions but then of

3083

02:26:34,230 --> 02:26:30,820

course we saw this use to such a

3084

02:26:36,030 --> 02:26:34,240

devastating effect in the 2016 election

3085

02:26:38,461 --> 02:26:36,040

whether it was by Cambridge analytical

3086

02:26:40,770 --> 02:26:38,471

and Bannon or the Russians you know just

3087

02:26:42,690 --> 02:26:40,780

this wide scale you know I thought I was

3088

02:26:45,751 --> 02:26:42,700

clever figuring some of these this stuff

3089

02:26:47,850 --> 02:26:45,761

out to use it for good purposes but lo

3090

02:26:51,240 --> 02:26:47,860

and behold then an extra state at or

3091

02:26:53,881 --> 02:26:51,250

another state actor can come in and just

3092

02:26:56,070 --> 02:26:53,891

you know throw the chess board and just

3093

02:26:57,870 --> 02:26:56,080

you know break down the entire political

3094

02:26:59,671 --> 02:26:57,880

process by manipulating things through

3095

02:27:02,580 --> 02:26:59,681

Facebook it's unbelievable

3096

02:27:05,551 --> 02:27:02,590

yeah look at something you know

3097

02:27:08,700 --> 02:27:05,561

satirical like the onion brilliant

3098

02:27:13,230 --> 02:27:08,710

writing really funny I get it I know

3099

02:27:18,541 --> 02:27:13,240

what I'm reading at the time but yet

3100

02:27:22,171 --> 02:27:18,551

even those other who were quoting the

3101
02:27:24,390 --> 02:27:22,181
onion on these crazy funny stories but

3102
02:27:30,291 --> 02:27:24,400
they never checked the source and they

3103
02:27:34,890 --> 02:27:30,301
just assumed that you're right the rage

3104
02:27:36,930 --> 02:27:34,900
the ability to to get those whatever it

3105
02:27:39,211 --> 02:27:36,940
is I chemical change that is happening

3106
02:27:41,100 --> 02:27:39,221
where they're enjoying that part of it

3107
02:27:44,820 --> 02:27:41,110
and they're not going back and checking

3108
02:27:48,360 --> 02:27:44,830
and I read today or I think it was

3109
02:27:52,560 --> 02:27:48,370
yesterday a very funny article on on on

3110
02:27:55,860 --> 02:27:52,570
the onion which was Border Patrol agents

3111
02:27:59,370 --> 02:27:55,870
listen to this Jason Border Patrol

3112
02:28:03,541 --> 02:27:59,380
agents throw pregnant Mexican woman back

3113
02:28:06,390 --> 02:28:03,551

over the wall I saw that all right well

3114

02:28:08,310 --> 02:28:06,400

I mean just out rate the reactions on

3115

02:28:11,280 --> 02:28:08,320

the internet I'm like it do you honestly

3116

02:28:12,961 --> 02:28:11,290

believe that that happened well I had to

3117

02:28:15,150 --> 02:28:12,971

look twice when I saw because things

3118

02:28:17,100 --> 02:28:15,160

were so unbelievably vicious and but

3119

02:28:18,421 --> 02:28:17,110

it'll right now then I realized it at

3120

02:28:19,890 --> 02:28:18,431

but out a second and that it was the

3121

02:28:21,740 --> 02:28:19,900

onion but it's like the weight thing the

3122

02:28:26,960 --> 02:28:21,750

way things are going you had I had to

3123

02:28:30,650 --> 02:28:26,970

it's like terrifying I you know and and

3124

02:28:32,719 --> 02:28:30,660

I appreciate the satire and when you

3125

02:28:34,700 --> 02:28:32,729

read something like that on the onion

3126

02:28:39,320 --> 02:28:34,710

certainly I have a I have a mind that

3127

02:28:42,679 --> 02:28:39,330

enjoys that stuff but it is a barometer

3128

02:28:45,620 --> 02:28:42,689

of where we are with society today the

3129

02:28:48,920 --> 02:28:45,630

satire is great this is what is is

3130

02:28:51,170 --> 02:28:48,930

making everybody mad is these kinds of

3131

02:28:54,469 --> 02:28:51,180

stories that's what the onion is trying

3132

02:28:58,309 --> 02:28:54,479

to say here right and and I get that but

3133

02:29:00,830 --> 02:28:58,319

the the the the the vast audience out

3134

02:29:02,809 --> 02:29:00,840

there just has blinders on you know and

3135

02:29:04,849 --> 02:29:02,819

they see that and they get outraged and

3136

02:29:06,979 --> 02:29:04,859

the next thing you know with all of this

3137

02:29:08,780 --> 02:29:06,989

immigration stuff going on well we're

3138

02:29:13,250 --> 02:29:08,790

also throwing pregnant women over the

3139

02:29:15,679 --> 02:29:13,260

walls you know I don't know what to do

3140

02:29:18,760 --> 02:29:15,689

with that well it's dangerous and it's

3141

02:29:22,639 --> 02:29:18,770

it's you know the deeper issue is that

3142

02:29:23,150 --> 02:29:22,649

it's but this is how human consciousness

3143

02:29:25,040 --> 02:29:23,160

works

3144

02:29:27,500 --> 02:29:25,050

anyways I mean Facebook demonstrates

3145

02:29:29,000 --> 02:29:27,510

confirmation bias we look for what we

3146

02:29:30,440 --> 02:29:29,010

want to be true and then assume it's

3147

02:29:33,280 --> 02:29:30,450

true and Facebook just makes that

3148

02:29:35,929 --> 02:29:33,290

literally not only literally tangibly

3149

02:29:38,870 --> 02:29:35,939

true and visible but also easy to

3150

02:29:41,179 --> 02:29:38,880

manipulate there is a great documentary

3151

02:29:44,410 --> 02:29:41,189

called hyper normalization put out by

3152

02:29:47,929 --> 02:29:44,420

Adam Kurdistan famous documentary maker

3153

02:29:49,190 --> 02:29:47,939

that goes into how much the Facebook

3154

02:29:51,290 --> 02:29:49,200

algorithms and the ton of the

3155

02:29:54,260 --> 02:29:51,300

information tunnels were responsible for

3156

02:29:57,469 --> 02:29:54,270

what happened in 2016 and draws

3157

02:30:00,019 --> 02:29:57,479

parallels to how propaganda you know how

3158

02:30:02,929 --> 02:30:00,029

state control is handled in Russia where

3159

02:30:05,750 --> 02:30:02,939

under Putin the doctrine you know Putin

3160

02:30:08,240 --> 02:30:05,760

has this guy named tserkov who's who has

3161

02:30:11,019 --> 02:30:08,250

figured out that the way to maintain

3162

02:30:13,910 --> 02:30:11,029

control over a population is not to

3163

02:30:16,309 --> 02:30:13,920

squash protest movements it's to

3164

02:30:18,050 --> 02:30:16,319

manufacture and create hundreds of

3165

02:30:21,729 --> 02:30:18,060

different protest movements all of which

3166

02:30:24,050 --> 02:30:21,739

have different agendas and then

3167

02:30:27,229 --> 02:30:24,060

propagate them into the public so nobody

3168

02:30:29,090 --> 02:30:27,239

knows what's going on and and turn

3169

02:30:30,679 --> 02:30:29,100

everything into like a theater piece and

3170

02:30:33,950 --> 02:30:30,689

that's that's the same strategy they

3171

02:30:35,510 --> 02:30:33,960

used in hacking the election or hacking

3172

02:30:39,260 --> 02:30:35,520

Facebook and Twitter on hacking

3173

02:30:41,689 --> 02:30:39,270

but manipulating Facebook in 2016 where

3174

02:30:44,179 --> 02:30:41,699

they were you know creating all these

3175

02:30:46,099 --> 02:30:44,189

Facebook pages for fake social groups

3176

02:30:47,599 --> 02:30:46,109

and it didn't matter what the social

3177

02:30:48,920 --> 02:30:47,609

group was what the protest group was you

3178

02:30:50,420 --> 02:30:48,930

know they were doing white nationalist

3179

02:30:53,269 --> 02:30:50,430

pages they were doing black lives matter

3180

02:30:57,830 --> 02:30:53,279

they were doing yes everything and and

3181

02:31:00,920 --> 02:30:57,840

as long as they could create confusion

3182

02:31:03,769 --> 02:31:00,930

and they were even organizing flash mobs

3183

02:31:05,599 --> 02:31:03,779

from Russia really creating events on

3184

02:31:07,519 --> 02:31:05,609

Facebook to get people to all show up in

3185

02:31:09,979 --> 02:31:07,529

a public place at once to in creating

3186

02:31:12,670 --> 02:31:09,989

protests remotely with nobody being the

3187

02:31:16,250 --> 02:31:12,680

wiser that it was coming from Russia so

3188

02:31:17,929 --> 02:31:16,260

you know this is this is this is pretty

3189

02:31:19,700 --> 02:31:17,939

sophisticated stuff China is now

3190

02:31:21,620 --> 02:31:19,710

apparently kidding getting in on the

3191

02:31:23,719 --> 02:31:21,630

same act there they were quite impressed

3192

02:31:24,889 --> 02:31:23,729

by what Russia did in the election and

3193

02:31:27,380 --> 02:31:24,899

they're trying to figure out how to do

3194

02:31:30,139 --> 02:31:27,390

it also so yeah this is the future this

3195

02:31:32,689 --> 02:31:30,149

is what we live in oh yeah why not why

3196

02:31:35,840 --> 02:31:32,699

not it's it's genius when you think

3197

02:31:40,309 --> 02:31:35,850

about it and that's where we are the the

3198

02:31:42,349 --> 02:31:40,319

ability to if you have and I know this

3199

02:31:45,950 --> 02:31:42,359

sounds elemental but it's really true if

3200

02:31:47,960 --> 02:31:45,960

you have ten million five million ten

3201

02:31:52,279 --> 02:31:47,970

million Twitter followers

3202

02:31:56,330 --> 02:31:52,289

it only takes the click of a mouse to

3203

02:32:00,469 --> 02:31:56,340

change emotion in a nanosecond that's it

3204

02:32:02,479 --> 02:32:00,479

and and if you understand that which

3205

02:32:04,969 --> 02:32:02,489

many do now

3206

02:32:07,010 --> 02:32:04,979

that's where we are today and it just

3207

02:32:10,910 --> 02:32:07,020

doesn't matter and we have to figure out

3208

02:32:13,729 --> 02:32:10,920

a way to use judgment like you say and

3209

02:32:14,719 --> 02:32:13,739

I'm totally with you on that Jason I

3210

02:32:17,059 --> 02:32:14,729

want to thank you

3211

02:32:18,559 --> 02:32:17,069

just an absolutely amazing conversation

3212

02:32:22,010 --> 02:32:18,569

tonight what are you working on now

3213

02:32:23,569 --> 02:32:22,020

what's the next book well I'm still

3214

02:32:25,639 --> 02:32:23,579

promoting this one so the new book is

3215

02:32:28,040 --> 02:32:25,649

John Dee and the Empire of Angels the

3216

02:32:29,929 --> 02:32:28,050

story of the last 500 years of a cult

3217

02:32:31,490 --> 02:32:29,939

history that's been going on behind the

3218

02:32:34,580 --> 02:32:31,500

scenes and the secret societies that

3219

02:32:37,130 --> 02:32:34,590

have been manipulating history and and

3220

02:32:39,620 --> 02:32:37,140

consciousness you can find all of my

3221

02:32:41,149 --> 02:32:39,630

projects at Jason lucam

3222

02:32:44,029 --> 02:32:41,159

right now I'm putting a ton of effort

3223

02:32:45,830 --> 02:32:44,039

into my podcast which is you know I've

3224

02:32:48,500 --> 02:32:45,840

been getting all this equipment for that

3225

02:32:49,370 --> 02:32:48,510

is ultra culture with Jason Lube you can

3226

02:32:51,350 --> 02:32:49,380

find it anywhere

3227

02:32:53,420 --> 02:32:51,360

you can find podcasts for people who are

3228

02:32:55,880 --> 02:32:53,430

interested in the technology side I

3229

02:32:58,580 --> 02:32:55,890

really urge you to check out my course

3230

02:33:01,190 --> 02:32:58,590

Bitcoin insider which is Bitcoin insider

3231

02:33:04,160 --> 02:33:01,200

do it should really be called blockchain

3232

02:33:06,679 --> 02:33:04,170

insider because it's the total training

3233

02:33:09,830 --> 02:33:06,689

on how to understand the blockchain how

3234

02:33:11,570 --> 02:33:09,840

to profit from it how to understand how

3235

02:33:13,340 --> 02:33:11,580

this Promethean technology is going to

3236

02:33:15,650 --> 02:33:13,350

change everything around us in the next

3237

02:33:18,440 --> 02:33:15,660

10 to 20 years that's the master course

3238

02:33:22,370 --> 02:33:18,450

in understanding Bitcoin blockchain and

3239

02:33:24,889 --> 02:33:22,380

cryptocurrency both to personally profit

3240

02:33:27,080 --> 02:33:24,899

from it and to think about using it in

3241

02:33:30,230 --> 02:33:27,090

ways to do things other than just

3242

02:33:32,900 --> 02:33:30,240

focusing on money using it to create

3243

02:33:34,790 --> 02:33:32,910

companies to make your to do your job

3244

02:33:37,570 --> 02:33:34,800

better to bring to the company that you

3245

02:33:41,480 --> 02:33:37,580

work at to supercharge and accelerate

3246

02:33:43,880 --> 02:33:41,490

the way that business is done I truly do

3247

02:33:45,500 --> 02:33:43,890

believe that blockchain along with AI

3248

02:33:48,020 --> 02:33:45,510

and some of and CRISPR and some of these

3249

02:33:50,179 --> 02:33:48,030

other things blockchain will radically

3250

02:33:52,610 --> 02:33:50,189

transform everything in our society just

3251

02:33:56,179 --> 02:33:52,620

like the web did right now we're at the

3252

02:33:59,270 --> 02:33:56,189

kind of 1997 moment where we were with

3253

02:34:00,770 --> 02:33:59,280

with the web in 1997 or 1998 that's

3254

02:34:03,650 --> 02:34:00,780

that's where we are with blockchain

3255

02:34:05,270 --> 02:34:03,660

right now it's about two right now every

3256

02:34:07,190 --> 02:34:05,280

only thing that people know about it is

3257

02:34:08,240 --> 02:34:07,200

oh Bitcoin and that type of thing but

3258

02:34:09,560 --> 02:34:08,250

they don't understand that this

3259

02:34:11,960 --> 02:34:09,570

technology is going to fundamentally

3260

02:34:13,730 --> 02:34:11,970

transform society as profoundly as the

3261

02:34:16,190 --> 02:34:13,740

web did and so if you want to be in on

3262

02:34:19,250 --> 02:34:16,200

the ground floor of that the course is

3263

02:34:21,500 --> 02:34:19,260

Bitcoin insider dot it's it's one of its

3264

02:34:22,550 --> 02:34:21,510

the best course I've ever done so I'm

3265

02:34:30,080 --> 02:34:22,560

gonna go check that out

3266

02:34:33,020 --> 02:34:30,090

haven't spoken to you about our platform

3267

02:34:35,000 --> 02:34:33,030

that we have launched and our social

3268

02:34:40,160 --> 02:34:35,010

media network and it's called on stellar

3269

02:34:42,110 --> 02:34:40,170

ons te ll a are calm and it's based on

3270

02:34:44,510 --> 02:34:42,120

the blockchain is so that is the

3271

02:34:46,700 --> 02:34:44,520

foundation of it we don't have any

3272

02:34:48,500 --> 02:34:46,710

advertising or data mining everything is

3273

02:34:53,719 --> 02:34:48,510

locked down with the blockchain just

3274

02:34:55,130 --> 02:34:53,729

like you said and all information of you

3275

02:34:56,870 --> 02:34:55,140

know uploads and downloads and

3276
02:34:59,810 --> 02:34:56,880
communications everything is preserved

3277
02:35:02,079 --> 02:34:59,820
and unaltered in the blockchain but the

3278
02:35:06,260 --> 02:35:02,089
other part of it is

3279
02:35:08,630 --> 02:35:06,270
our little token economy with our our

3280
02:35:14,409 --> 02:35:08,640
token that we have it's called on

3281
02:35:17,630 --> 02:35:14,419
stellar and it's a way to our conspiracy

3282
02:35:19,849 --> 02:35:17,640
supernatural paranormal community can go

3283
02:35:22,550 --> 02:35:19,859
and share information and everything is

3284
02:35:25,579 --> 02:35:22,560
based on the blockchain and it's token

3285
02:35:29,899 --> 02:35:25,589
economy but it's a way not only through

3286
02:35:34,880 --> 02:35:29,909
videos like YouTube or that type of

3287
02:35:38,119 --> 02:35:34,890
stuff but to promote and research and

3288
02:35:41,510 --> 02:35:38,129

and get rewarded for that I believe it

3289

02:35:44,090 --> 02:35:41,520

is internet 3.0 everything that is out

3290

02:35:47,449 --> 02:35:44,100

there now like we are talking about

3291

02:35:49,729 --> 02:35:47,459

whether it's Google or or Facebook or

3292

02:35:52,429 --> 02:35:49,739

YouTube or Twitter it doesn't or

3293

02:35:55,369 --> 02:35:52,439

Instagram that's all technology from

3294

02:35:58,550 --> 02:35:55,379

1998 and we've got to take the Internet

3295

02:36:00,889 --> 02:35:58,560

into its next phase and I do call it

3296

02:36:04,909 --> 02:36:00,899

Internet 3.0 and I think the blockchain

3297

02:36:07,719 --> 02:36:04,919

can be used for anything anything that's

3298

02:36:10,069 --> 02:36:07,729

you know anything that you want to do

3299

02:36:12,619 --> 02:36:10,079

there's a way to incorporate the

3300

02:36:14,719 --> 02:36:12,629

blockchain into it and that is the

3301

02:36:16,189 --> 02:36:14,729

future and I'm totally with you on that

3302

02:36:16,429 --> 02:36:16,199

I'm gonna go check out your course for

3303

02:36:19,219 --> 02:36:16,439

sure

3304

02:36:21,469 --> 02:36:19,229

nice yeah I mean just the web as it

3305

02:36:23,929 --> 02:36:21,479

currently exists runs off of yeah

3306

02:36:25,670 --> 02:36:23,939

database technology from the 90s you

3307

02:36:31,429 --> 02:36:25,680

know PHP and things like that that's

3308

02:36:33,109 --> 02:36:31,439

right and so or excuse me my sequel

3309

02:36:35,239 --> 02:36:33,119

things like that and everything's gonna

3310

02:36:37,249 --> 02:36:35,249

blockchain is gonna replace that it's

3311

02:36:39,920 --> 02:36:37,259

gonna be the backbone of how information

3312

02:36:41,599 --> 02:36:39,930

is moved around the world yes all of

3313

02:36:43,849 --> 02:36:41,609

this all of this that we're talking

3314

02:36:49,130 --> 02:36:43,859

about yeah there's no question about it

3315

02:36:55,429 --> 02:36:49,140

and so when the on stellar design

3316

02:36:57,739 --> 02:36:55,439

thought started to build Facebook the we

3317

02:37:00,469 --> 02:36:57,749

I don't want to say this in a weird way

3318

02:37:04,489 --> 02:37:00,479

but we had the vision for it right and

3319

02:37:07,969 --> 02:37:04,499

the team at on stellar and and then

3320

02:37:10,010 --> 02:37:07,979

Facebook got caught cambridge everything

3321

02:37:12,889 --> 02:37:10,020

happened and it was the best advertising

3322

02:37:14,580 --> 02:37:12,899

that we could do because we didn't even

3323

02:37:18,360 --> 02:37:14,590

have to advertise Zuckerberg

3324

02:37:20,250 --> 02:37:18,370

of wars in that here we have the

3325

02:37:22,230 --> 02:37:20,260

platform that is the future and these

3326

02:37:25,070 --> 02:37:22,240

are the reasons why go listen to

3327

02:37:28,020 --> 02:37:25,080

Zuckerberg that's all we have to do and

3328

02:37:30,570 --> 02:37:28,030

and we've taken off it is a great social

3329

02:37:32,520 --> 02:37:30,580

media platform we've got all of the

3330

02:37:35,370 --> 02:37:32,530

technology and wants and needs that

3331

02:37:37,160 --> 02:37:35,380

anybody desires from a social media

3332

02:37:40,410 --> 02:37:37,170

platform but there's no advertising

3333

02:37:41,400 --> 02:37:40,420

there's no data mining there's none of

3334

02:37:44,190 --> 02:37:41,410

that there

3335

02:37:47,160 --> 02:37:44,200

there's no censorship you know it is a

3336

02:37:53,160 --> 02:37:47,170

beautiful free place to be remember

3337

02:37:56,250 --> 02:37:53,170

Jason let's go back to 1995 1996 1997

3338

02:37:58,800 --> 02:37:56,260

the first time you saw a pop-up ad and

3339

02:38:02,450 --> 02:37:58,810

he wanted to throw your laptop out the

3340

02:38:05,370 --> 02:38:02,460

window you remember how angry you were

3341

02:38:08,010 --> 02:38:05,380

right right yeah well there's none of

3342

02:38:10,050 --> 02:38:08,020

that here when I go over to Facebook

3343

02:38:13,080 --> 02:38:10,060

these days or anywhere and I and I'm

3344

02:38:16,170 --> 02:38:13,090

scrolling through and I see every other

3345

02:38:19,380 --> 02:38:16,180

post is an advertisement it just it

3346

02:38:22,530 --> 02:38:19,390

offends me and you go over to on stellar

3347

02:38:25,980 --> 02:38:22,540

and there's no advertising it's nothing

3348

02:38:28,139 --> 02:38:25,990

but you and thought and interaction and

3349

02:38:29,849 --> 02:38:28,149

it's light like I said it's the next

3350

02:38:31,590 --> 02:38:29,859

phase of the internet it's truly

3351

02:38:33,050 --> 02:38:31,600

internet 3.0 I couldn't agree with you

3352

02:38:35,460 --> 02:38:33,060

more

3353

02:38:38,070 --> 02:38:35,470

all right well it was great to be on the

3354

02:38:40,440 --> 02:38:38,080

show and I appreciate you having me back

3355

02:38:42,570 --> 02:38:40,450

on thank you so much Jason behave and be

3356

02:38:46,410 --> 02:38:42,580

well all right talk to you later

3357

02:38:49,710 --> 02:38:46,420

Jason Louv and it's very simple jason

3358

02:38:51,960 --> 02:38:49,720

louvre dot-com the links are over at

3359

02:38:55,080 --> 02:38:51,970

Jimmy Turks radio.com and of course you

3360

02:38:57,960 --> 02:38:55,090

can follow Jason on twitter at jasonlew

3361

02:39:00,120 --> 02:38:57,970

all of his books are there and John D in

3362

02:39:03,240 --> 02:39:00,130

the Empire of Angels which I've now read

3363

02:39:04,679 --> 02:39:03,250

twice is an amazing read this is fade to

3364

02:39:06,060 --> 02:39:04,689

black army will soon be Church I'll come

3365

02:39:07,800 --> 02:39:06,070

back and we'll open up the phone lines

3366

02:39:09,470 --> 02:39:07,810

right after this short break

3367

02:39:15,030 --> 02:39:09,480

stay with us

3368

02:39:25,690 --> 02:39:23,430

[Music]

3369

02:39:29,090 --> 02:39:25,700

[Applause]

3370

02:39:31,820 --> 02:39:29,100

Hey biblical box here and you are

3371

02:39:37,070 --> 02:39:31,830

listening to my boy Jimmy Church on

3372

02:39:40,219 --> 02:39:37,080

Jimmy Church radio.com this my popular

3373

02:39:42,130 --> 02:39:40,229

opinion reading a book will not make you

3374

02:39:45,090 --> 02:39:42,140

smarter

3375

02:39:48,100 --> 02:39:45,100

but listening to Jimmy church will

3376

02:39:52,370 --> 02:39:48,110

[Applause]

3377

02:39:54,261 --> 02:39:52,380

hurricanes earthquakes wildfires this

3378

02:39:56,720 --> 02:39:54,271

year we've experienced more than our

3379

02:39:59,030 --> 02:39:56,730

fair share this is Jimmy Church a fade

3380

02:40:01,040 --> 02:39:59,040

to black and last month I decided to

3381

02:40:03,470 --> 02:40:01,050

make sure my family does not have to

3382

02:40:06,620 --> 02:40:03,480

worry about food should we get caught in

3383

02:40:09,080 --> 02:40:06,630

a real emergency situation introducing

3384

02:40:10,761 --> 02:40:09,090

Humana a healthy storable product that

3385

02:40:12,770 --> 02:40:10,771

tastes so good that you'll want to eat

3386

02:40:15,050 --> 02:40:12,780

it every day instead of just during

3387

02:40:17,300 --> 02:40:15,060

those times of duress all new manna

3388

02:40:20,690 --> 02:40:17,310

products have a 25 year shelf life our

3389

02:40:23,210 --> 02:40:20,700

msg and GMO free no preservatives and

3390

02:40:25,160 --> 02:40:23,220

are made in America with the new manna

3391

02:40:26,720 --> 02:40:25,170

pack in your home you'll be able to

3392

02:40:29,300 --> 02:40:26,730

sleep at night knowing that you

3393

02:40:32,480 --> 02:40:29,310

protected your family not only have I

3394

02:40:34,580 --> 02:40:32,490

tasted and tested I own it now you can

3395

02:40:36,800 --> 02:40:34,590

too just click on the new manna banner

3396

02:40:38,660 --> 02:40:36,810

on Jimmy Church radio.com and use the

3397

02:40:41,090 --> 02:40:38,670

promo code Jimmy when you order in

3398

02:40:43,090 --> 02:40:41,100

addition to a discount we'll send you an

3399

02:40:46,630 --> 02:40:43,100

autographed fade to black t-shirt

3400

02:40:49,550 --> 02:40:46,640

seriously gobekli tepe

3401
02:40:52,160 --> 02:40:49,560
when you take the beams from Central

3402
02:40:54,470 --> 02:40:52,170
America with dashes of Indonesian and

3403
02:40:56,480 --> 02:40:54,480
African mixed in and then roast it to

3404
02:41:00,100 --> 02:40:56,490
the dark side of fade to black

3405
02:41:03,080 --> 02:41:00,110
you create the ultimate brew of Fringe

3406
02:41:06,261 --> 02:41:03,090
introducing the fade to black blend from

3407
02:41:09,380 --> 02:41:06,271
River moon coffee yes River moon's

3408
02:41:10,160 --> 02:41:09,390
darkest customized roast was created for

3409
02:41:13,820 --> 02:41:10,170
the love of

3410
02:41:16,340 --> 02:41:13,830
fade to black the alchemy of masterful

3411
02:41:19,610 --> 02:41:16,350
roasting and smoking the beans is in

3412
02:41:23,810 --> 02:41:19,620
every sip of this full-bodied dark Java

3413
02:41:25,670 --> 02:41:23,820

I need my coffee doc deep with distinct

3414

02:41:28,850 --> 02:41:25,680

bittersweet chocolate highlights just

3415

02:41:31,280 --> 02:41:28,860

like the bunker leaning further into the

3416

02:41:34,550 --> 02:41:31,290

darkness of the roast is fade to black

3417

02:41:36,200 --> 02:41:34,560

blend from river moon coffee just click

3418

02:41:39,530 --> 02:41:36,210

on the banner at Jimmy Church radio.com

3419

02:41:42,630 --> 02:41:39,540

and use the promo code F to B blend for

3420

02:41:46,530 --> 02:41:42,640

15% off of your order today

3421

02:41:48,570 --> 02:41:46,540

Gobekli Tepe hey can we talk about

3422

02:41:51,689 --> 02:41:48,580

something serious for a minute your age

3423

02:41:54,149 --> 02:41:51,699

getting old has its perks but remember

3424

02:41:56,189 --> 02:41:54,159

being a few years younger you know your

3425

02:41:58,050 --> 02:41:56,199

hair was thicker you didn't have so many

3426

02:42:00,000 --> 02:41:58,060

wrinkles that extra weight wasn't

3427

02:42:02,309 --> 02:42:00,010

haunting you and you just felt better

3428

02:42:05,010 --> 02:42:02,319

well we can't turn back the clocks and

3429

02:42:07,170 --> 02:42:05,020

go back 10 or 15 years but you can start

3430

02:42:10,320 --> 02:42:07,180

feeling and looking 10 or 15 years

3431

02:42:12,330 --> 02:42:10,330

younger with nature's youth RSF it's a

3432

02:42:14,010 --> 02:42:12,340

doctor formulated daily supplement that

3433

02:42:15,740 --> 02:42:14,020

helps your body maintain its peak

3434

02:42:18,389 --> 02:42:15,750

performance and fight the aging process

3435

02:42:19,740 --> 02:42:18,399

imagine sleeping better looking better

3436

02:42:22,320 --> 02:42:19,750

and feeling better

3437

02:42:24,269 --> 02:42:22,330

see how Nature's youth RSF has helped

3438

02:42:26,969 --> 02:42:24,279

thousands of people just like you at

3439

02:42:29,429 --> 02:42:26,979

nature's youth calm nature's youth calm

3440

02:42:30,840 --> 02:42:29,439

the holidays are coming imagine how it

3441

02:42:32,760 --> 02:42:30,850

will feel when your family and friends

3442

02:42:35,130 --> 02:42:32,770

are asking you what you did to look so

3443

02:42:37,410 --> 02:42:35,140

good your secret will be nature's youth

3444

02:42:39,899 --> 02:42:37,420

RSF it's time to start looking better

3445

02:42:41,969 --> 02:42:39,909

and feeling better learn more in order

3446

02:42:52,269 --> 02:42:41,979

your nature's use RSS at nature's youth

3447

02:43:06,800 --> 02:42:55,969

it's not a lifestyle we chose we were

3448

02:43:09,800 --> 02:43:06,810

born this way k GRA radio.com this is KJ

3449

02:43:15,650 --> 02:43:09,810

CRA Jimmy church radiojohn yeah

3450

02:43:15,660 --> 02:43:25,070

[Music]

3451

02:43:30,381 --> 02:43:27,470

all right welcome back fade to black

3452

02:43:34,560 --> 02:43:30,391

America pictures want to thank Jason Liu

3453

02:43:35,900 --> 02:43:34,570

what a conversation tonight Man Man Man

3454

02:43:39,690 --> 02:43:35,910

Man Man

3455

02:43:43,530 --> 02:43:39,700

Jason louvre dot-com you can also follow

3456

02:43:47,251 --> 02:43:43,540

Jason at jason louvre on twitter and you

3457

02:43:49,261 --> 02:43:47,261

can just click over on jason link and

3458

02:43:51,841 --> 02:43:49,271

jason's links over at jimmy church

3459

02:43:56,940 --> 02:43:51,851

radio.com okay I've just opened up the

3460

02:44:01,230 --> 02:43:56,950

phone lines 3 2 3 8 2 5 5 0 4 or 5 or 3

3461

02:44:07,581 --> 02:44:01,240

2 3 2 7 5 9 6 9 5 Jason mentioned the

3462

02:44:10,640 --> 02:44:07,591

NSA a few times tonight and the

3463

02:44:13,890 --> 02:44:10,650

information that came out today about

3464

02:44:16,140 --> 02:44:13,900

AT&T NSA centers across the United

3465

02:44:20,520 --> 02:44:16,150

States pretty frightening when you think

3466

02:44:23,940 --> 02:44:20,530

about it and I should I'm so tempted to

3467

02:44:26,371 --> 02:44:23,950

oppose the addresses of those buildings

3468

02:44:30,381 --> 02:44:26,381

so you can go into your hometown and

3469

02:44:33,180 --> 02:44:30,391

walk by one of these windowless concrete

3470

02:44:36,121 --> 02:44:33,190

monstrosities and just stop and think

3471

02:44:38,671 --> 02:44:36,131

about what is actually going on inside

3472

02:44:41,161 --> 02:44:38,681

of those buildings so think about that

3473

02:44:43,171 --> 02:44:41,171

for a second this is fade to black let's

3474

02:44:47,041 --> 02:44:43,181

go to the phones hi you're live right

3475

02:44:50,041 --> 02:44:47,051

now who's calling from Sacramento oh hi

3476

02:44:51,871 --> 02:44:50,051

Deb how are you hi good Jimmy how are

3477

02:44:54,480 --> 02:44:51,881

you I'm good what do you think about

3478

02:44:56,220 --> 02:44:54,490

that conversation tonight you know when

3479

02:44:57,780 --> 02:44:56,230

I first heard what the topic was I

3480

02:44:59,520 --> 02:44:57,790

thought oh this is going to be so over

3481

02:45:01,831 --> 02:44:59,530

my head and I don't know if I'm going to

3482

02:45:03,480 --> 02:45:01,841

get any of this it was so I mean and

3483

02:45:06,961 --> 02:45:03,490

some of it was over my head but it was

3484

02:45:10,201 --> 02:45:06,971

so educational he explained things so

3485

02:45:13,381 --> 02:45:10,211

clearly as far as the future of AI and

3486

02:45:16,741 --> 02:45:13,391

taking a lot of the fear out of you know

3487

02:45:18,360 --> 02:45:16,751

what's propagated and you know all the

3488

02:45:22,230 --> 02:45:18,370

things that we hear on the internet and

3489

02:45:24,780 --> 02:45:22,240

talking about using discernment and just

3490

02:45:28,890 --> 02:45:24,790

kind of you know clarifying a lot of

3491

02:45:31,770 --> 02:45:28,900

things really interesting well yeah and

3492

02:45:36,990 --> 02:45:31,780

there's another part of it

3493

02:45:40,470 --> 02:45:37,000

and which is this when you have when you

3494

02:45:42,690 --> 02:45:40,480

have so many and especially with the

3495

02:45:45,841 --> 02:45:42,700

research that I do on this because I'm

3496

02:45:51,720 --> 02:45:45,851

fascinated with it when you hear so much

3497

02:45:54,301 --> 02:45:51,730

and then you have Jason bring on the

3498

02:45:57,450 --> 02:45:54,311

other side of it right to kind of smooth

3499

02:46:01,801 --> 02:45:57,460

things over then you kind of get

3500

02:46:04,610 --> 02:46:01,811

yourself balanced a little bit but that

3501

02:46:07,261 --> 02:46:04,620

being said and again it's about

3502

02:46:09,540 --> 02:46:07,271

listening to everybody taking a little

3503

02:46:12,631 --> 02:46:09,550

piece of everything in and you know

3504

02:46:14,400 --> 02:46:12,641

getting because no matter what you

3505

02:46:16,680 --> 02:46:14,410

listen to one side view list the the

3506

02:46:20,280 --> 02:46:16,690

real the reality is somewhere in the

3507

02:46:27,530 --> 02:46:20,290

middle right the reality is is you know

3508

02:46:36,001 --> 02:46:30,841

when we look at some of the basic things

3509

02:46:40,671 --> 02:46:36,011

out there Deb like chess programs or go

3510

02:46:45,060 --> 02:46:40,681

you know the Chinese board game and how

3511

02:46:50,011 --> 02:46:45,070

these software engineers that that work

3512

02:46:51,961 --> 02:46:50,021

on that part of AI have developed stuff

3513

02:46:55,230 --> 02:46:51,971

that is so complicated the game of chess

3514

02:46:58,830 --> 02:46:55,240

is not easy and and go is even more

3515

02:47:02,251 --> 02:46:58,840

complicated than that and we're like

3516

02:47:07,261 --> 02:47:02,261

with go they were able to just give the

3517

02:47:14,870 --> 02:47:07,271

rules you know the rules and then and

3518

02:47:19,040 --> 02:47:14,880

then allow the AI to just play and now

3519

02:47:20,310 --> 02:47:19,050

it's they're unbeatable the AI is

3520

02:47:24,360 --> 02:47:20,320

unbeatable

3521

02:47:26,610 --> 02:47:24,370

so if you take that concept and you

3522

02:47:32,310 --> 02:47:26,620

apply it to just about anything inside

3523

02:47:35,100 --> 02:47:32,320

of AI then I would think we have stuff

3524

02:47:37,051 --> 02:47:35,110

there to worry about where Jason is

3525

02:47:39,091 --> 02:47:37,061

saying I think we're okay here you know

3526

02:47:41,551 --> 02:47:39,101

I think there's a lot of paranoia and a

3527

02:47:44,460 --> 02:47:41,561

lot of fear and and and I can agree with

3528

02:47:48,750 --> 02:47:44,470

that I can but there's the other part of

3529

02:47:51,360 --> 02:47:48,760

where I know that there are millions and

3530

02:47:54,240 --> 02:47:51,370

hundreds of millions of dollars an

3531

02:47:58,290 --> 02:47:54,250

effort and research encoding and

3532

02:48:00,690 --> 02:47:58,300

engineers and developers that are laser

3533

02:48:04,740 --> 02:48:00,700

focused on one thing and that is

3534

02:48:07,800 --> 02:48:04,750

developing a version of you of something

3535

02:48:09,719 --> 02:48:07,810

that can think and to the point where we

3536

02:48:12,769 --> 02:48:09,729

will not be able to tell the difference

3537

02:48:17,240 --> 02:48:12,779

between what is real and what is not

3538

02:48:19,620 --> 02:48:17,250

that is the goal that is 100% the goal

3539

02:48:21,990 --> 02:48:19,630

yeah and that's a scary thought and

3540

02:48:26,190 --> 02:48:22,000

that's a scary thought for sure there's

3541

02:48:30,809 --> 02:48:26,200

there's just no way that I would ever be

3542

02:48:33,240 --> 02:48:30,819

sold on the idea like Zuckerberg was

3543

02:48:35,510 --> 02:48:33,250

presenting last month and his testimony

3544

02:48:42,990 --> 02:48:35,520

in that now were the good guys

3545

02:48:46,679 --> 02:48:43,000

everything is fine all we care about is

3546

02:48:49,969 --> 02:48:46,689

you everything is great no we don't do

3547

02:48:53,490 --> 02:48:49,979

anything evil we don't do anything bad

3548

02:48:57,559 --> 02:48:53,500

everything we do is about being good I

3549

02:49:00,210 --> 02:48:57,569

don't buy into that I don't I don't I

3550

02:49:01,590 --> 02:49:00,220

mean talk about you know not being

3551
02:49:03,269 --> 02:49:01,600
transparent he didn't even want to talk

3552
02:49:05,010 --> 02:49:03,279
about what hotel he stayed at I mean

3553
02:49:07,050 --> 02:49:05,020
give me a break but we're the good guys

3554
02:49:08,820 --> 02:49:07,060
thing we're here and we're here to bring

3555
02:49:11,750 --> 02:49:08,830
the world together and give me a break

3556
02:49:14,760 --> 02:49:11,760
yeah yeah and so I had a lot of

3557
02:49:16,979 --> 02:49:14,770
difficulty with that but listening to

3558
02:49:20,940 --> 02:49:16,989
Jason tonight like I said he centers you

3559
02:49:23,309 --> 02:49:20,950
I pulls you back into into the center a

3560
02:49:25,229 --> 02:49:23,319
little bit and and I think that we need

3561
02:49:26,790 --> 02:49:25,239
to hear that because that's exactly what

3562
02:49:29,160 --> 02:49:26,800
he has been doing that's what he's been

3563
02:49:32,849 --> 02:49:29,170

writing about he understands it and he's

3564

02:49:34,830 --> 02:49:32,859

been developing AI for a long time so

3565

02:49:36,780 --> 02:49:34,840

there you go and that's my take you know

3566

02:49:38,849 --> 02:49:36,790

let's just all learn together it was a

3567

02:49:41,099 --> 02:49:38,859

great conversation I really enjoyed it

3568

02:49:43,139 --> 02:49:41,109

well the part that really resonated with

3569

02:49:46,580 --> 02:49:43,149

me when he was talking about the ability

3570

02:49:50,190 --> 02:49:46,590

to take our souls and put them into a

3571

02:49:52,849 --> 02:49:50,200

microchip you know or a USB and be able

3572

02:49:56,370 --> 02:49:52,859

to do something like that and you know

3573

02:49:58,200 --> 02:49:56,380

no one no one totally understands what a

3574

02:49:59,880 --> 02:49:58,210

soul is like he was saying so

3575

02:50:02,160 --> 02:49:59,890

he was explaining that part of it his

3576

02:50:04,560 --> 02:50:02,170

take on it that's really what resonated

3577

02:50:07,380 --> 02:50:04,570

with me yeah there's another there's

3578

02:50:11,640 --> 02:50:07,390

another part to that and I and and let

3579

02:50:14,820 --> 02:50:11,650

me explain cryogenics okay

3580

02:50:18,450 --> 02:50:14,830

cryogenics we all understand what it is

3581

02:50:21,750 --> 02:50:18,460

freezing your body and for the future

3582

02:50:23,550 --> 02:50:21,760

and maybe disease can be cured and then

3583

02:50:26,040 --> 02:50:23,560

they bring your body back to life and

3584

02:50:28,770 --> 02:50:26,050

boom you get another go right you get

3585

02:50:32,280 --> 02:50:28,780

another girl right yeah so you know they

3586

02:50:34,140 --> 02:50:32,290

freeze my brain right you know and you

3587

02:50:37,490 --> 02:50:34,150

know it's probably not that expensive

3588

02:50:40,380 --> 02:50:37,500

but you know and and my brain gets

3589

02:50:42,750 --> 02:50:40,390

restarted it gets restarted a hundred

3590

02:50:46,080 --> 02:50:42,760

years from now and they figured out how

3591

02:50:50,930 --> 02:50:46,090

to clone another body for me right and

3592

02:50:54,990 --> 02:50:50,940

they reattach my they don't know I

3593

02:51:00,360 --> 02:50:55,000

certainly don't know who I am going to

3594

02:51:04,710 --> 02:51:00,370

be is my soul going is Jimmy going to be

3595

02:51:08,490 --> 02:51:04,720

inside of that brain my memories should

3596

02:51:11,820 --> 02:51:08,500

be there right the data storage should

3597

02:51:16,680 --> 02:51:11,830

be there but what about me what about my

3598

02:51:20,280 --> 02:51:16,690

soul you know what what becomes of that

3599

02:51:22,560 --> 02:51:20,290

is that you know and of course we deal

3600

02:51:25,620 --> 02:51:22,570

with this with a spirituality and and

3601
02:51:27,780 --> 02:51:25,630
today in consciousness and and what

3602
02:51:29,430 --> 02:51:27,790
happens when you die and your soul you

3603
02:51:32,340 --> 02:51:29,440
know what happens that part of it we

3604
02:51:34,530 --> 02:51:32,350
know that our body turns off right okay

3605
02:51:39,360 --> 02:51:34,540
all right that's electric it turns off

3606
02:51:42,410 --> 02:51:39,370
but if my brain gets fired up again is

3607
02:51:45,510 --> 02:51:42,420
it going to be me

3608
02:51:48,150 --> 02:51:45,520
that's the coin of interesting yeah

3609
02:51:50,280 --> 02:51:48,160
along those lines to you know kind of

3610
02:51:52,890 --> 02:51:50,290
help you make your point is not that you

3611
02:51:55,440 --> 02:51:52,900
need help but it makes me think about

3612
02:51:58,410 --> 02:51:55,450
how when someone maybe gets an organ

3613
02:52:00,330 --> 02:51:58,420

from an organ donor and that person

3614

02:52:01,920 --> 02:52:00,340

maybe died but the new person that has

3615

02:52:04,560 --> 02:52:01,930

their organ all of a sudden they start

3616

02:52:08,340 --> 02:52:04,570

developing the habits or the taste of

3617

02:52:11,910 --> 02:52:08,350

the donor I write out so I had a fader

3618

02:52:13,680 --> 02:52:11,920

back the other day that I didn't use

3619

02:52:15,750 --> 02:52:13,690

well I won't be able to use it now

3620

02:52:17,310 --> 02:52:15,760

anyway because I'm about to spill it

3621

02:52:21,301 --> 02:52:17,320

which is this

3622

02:52:26,040 --> 02:52:21,311

there was a heart transplant guy commits

3623

02:52:28,461 --> 02:52:26,050

suicide okay commit suicide I'm not

3624

02:52:33,740 --> 02:52:28,471

going to say how but he commits suicide

3625

02:52:39,120 --> 02:52:33,750

organ heart transplant into the new

3626
02:52:43,770 --> 02:52:39,130
recipient who actually marries the wife

3627
02:52:47,250 --> 02:52:43,780
of the dude that committed suicide ten

3628
02:52:50,430 --> 02:52:47,260
years later the recipient of the heart

3629
02:52:55,620 --> 02:52:50,440
transplant committed suicide the same

3630
02:53:04,020 --> 02:52:55,630
way that the donor did and he was

3631
02:53:10,620 --> 02:53:04,030
married to his wife yeah now and so and

3632
02:53:13,650 --> 02:53:10,630
in reading the facts of the case it was

3633
02:53:16,890 --> 02:53:13,660
it was almost too much it's like there's

3634
02:53:20,730 --> 02:53:16,900
something there man I don't know I don't

3635
02:53:23,341 --> 02:53:20,740
know but it happened yeah it's a very

3636
02:53:28,921 --> 02:53:23,351
and and think about the wife right two

3637
02:53:30,750 --> 02:53:28,931
in a row yeah it's trippy thank you so

3638
02:53:33,301 --> 02:53:30,760

much dad we'll see you tomorrow night on

3639

02:53:35,640 --> 02:53:33,311

the show okay Jamie take care thank you

3640

02:53:39,080 --> 02:53:35,650

have a great night that's a great

3641

02:53:41,341 --> 02:53:39,090

conversation right there with Deb let's

3642

02:53:42,270 --> 02:53:41,351

go back to the phones here let's see

3643

02:53:44,461 --> 02:53:42,280

area code

3644

02:53:50,430 --> 02:53:44,471

three six zero you're up next on fade to

3645

02:53:58,020 --> 02:53:50,440

black who's calling hey Phil you're

3646

02:54:00,921 --> 02:53:58,030

breaking up man and that's your throne

3647

02:54:10,770 --> 02:54:00,931

you need to go see a doctor

3648

02:54:14,011 --> 02:54:10,780

yeah anyway so long see what the last

3649

02:54:15,841 --> 02:54:14,021

lady said and the sole thing yeah there

3650

02:54:19,020 --> 02:54:15,851

isn't any way you're gonna get a soul we

3651
02:54:20,250 --> 02:54:19,030
jump into a damn ship and I can't see

3652
02:54:22,080 --> 02:54:20,260
that I mean we're a multi-dimensional

3653
02:54:24,440 --> 02:54:22,090
selves what are we gonna do in a damn

3654
02:54:30,380 --> 02:54:24,450
ship that's no fun

3655
02:54:33,510 --> 02:54:30,390
but also I wanted to talk about the

3656
02:54:37,920 --> 02:54:33,520
prediction that was made on a might to

3657
02:54:40,860 --> 02:54:37,930
my question last week and I've come

3658
02:54:43,370 --> 02:54:40,870
across data that says that Mother's has

3659
02:54:46,639 --> 02:54:43,380
already ascended to her

3660
02:54:51,300 --> 02:54:46,649
multi-dimensional fifth dimensional self

3661
02:54:52,370 --> 02:54:51,310
so it's us that are how do you get the

3662
02:54:56,820 --> 02:54:52,380
information

3663
02:55:03,060 --> 02:54:56,830

well three resources Lisa transcendence

3664

02:55:08,130 --> 02:55:03,070

Braun who claimed that she's there that

3665

02:55:10,469 --> 02:55:08,140

she can go there already and the other

3666

02:55:15,660 --> 02:55:10,479

one was James Tiburon in a talk that he

3667

02:55:18,929 --> 02:55:15,670

gave recently on earth keepers so I mean

3668

02:55:20,490 --> 02:55:18,939

yeah it's not like a scientific thing no

3669

02:55:21,990 --> 02:55:20,500

I'm not saying that I just want to know

3670

02:55:24,210 --> 02:55:22,000

where you got the information from you

3671

02:55:29,969 --> 02:55:24,220

said you got information that was

3672

02:55:31,679 --> 02:55:29,979

already there right yeah no well they

3673

02:55:33,210 --> 02:55:31,689

haven't actually talked to mothers

3674

02:55:35,580 --> 02:55:33,220

myself and which is what I should have

3675

02:55:37,170 --> 02:55:35,590

done anyway and not asked anybody else I

3676

02:55:38,700 --> 02:55:37,180

don't know why I even asked that

3677

02:55:41,610 --> 02:55:38,710

question now that I thought about it

3678

02:55:43,860 --> 02:55:41,620

well I get anyway get back to the I'm

3679

02:55:45,389 --> 02:55:43,870

sorry go ahead that vet your own

3680

02:55:46,889 --> 02:55:45,399

information that's all you got to do

3681

02:55:54,530 --> 02:55:46,899

you're right just go back to the source

3682

02:55:59,730 --> 02:55:54,540

ask Gaia what's up and write about it or

3683

02:56:05,730 --> 02:55:59,740

give a call and when I do that to this

3684

02:56:09,240 --> 02:56:05,740

day I think that's just I mean he didn't

3685

02:56:12,960 --> 02:56:09,250

talk about Sophia and I definitely had

3686

02:56:14,820 --> 02:56:12,970

heard about AI to be AI programs like

3687

02:56:16,710 --> 02:56:14,830

communicating with each other in a

3688

02:56:19,290 --> 02:56:16,720

different language that they created

3689

02:56:23,520 --> 02:56:19,300

themselves yeah yeah her story of that

3690

02:56:26,730 --> 02:56:23,530

yeah that was last year yes yeah so some

3691

02:56:32,750 --> 02:56:26,740

strange stuff is going on there and you

3692

02:56:37,490 --> 02:56:35,820

that it's a secret space program and

3693

02:56:40,460 --> 02:56:37,500

most of the other

3694

02:56:43,100 --> 02:56:40,470

benign societies are trying to combat

3695

02:56:45,290 --> 02:56:43,110

and they think that the what is it the

3696

02:56:50,300 --> 02:56:45,300

Draco's are the ones that are controlled

3697

02:56:53,510 --> 02:56:50,310

by this AI and see and then I heard on

3698

02:56:57,380 --> 02:56:53,520

that one of another channel that's

3699

02:57:01,520 --> 02:56:57,390

talking about an AI clouds it's just

3700

02:57:06,950 --> 02:57:01,530

outside of our solar system hmm hang it

3701
02:57:09,500 --> 02:57:06,960
out there so what a big deal there is to

3702
02:57:12,230 --> 02:57:09,510
have the big solar flash that will just

3703
02:57:14,750 --> 02:57:12,240
you know pry all that stuff so we're not

3704
02:57:21,770 --> 02:57:14,760
going to have any a high we're gonna

3705
02:57:27,410 --> 02:57:21,780
have to start all over yeah I'm um my my

3706
02:57:31,280 --> 02:57:27,420
thing is and and many sci-fi riders have

3707
02:57:34,100 --> 02:57:31,290
talked about this but the ability for a

3708
02:57:38,510 --> 02:57:34,110
sci-fi writer science fiction writer to

3709
02:57:41,720 --> 02:57:38,520
to put this stuff down but then to have

3710
02:57:45,740 --> 02:57:41,730
it actually eventually play itself out

3711
02:57:48,260 --> 02:57:45,750
in that all you have to do is plant the

3712
02:57:50,660 --> 02:57:48,270
seed of an idea and the seed of an idea

3713
02:57:52,820 --> 02:57:50,670

is something like Terminator 2 or

3714

02:57:56,660 --> 02:57:52,830

machines taking over the world and and

3715

02:57:57,980 --> 02:57:56,670

robots and computers and they all you

3716

02:58:02,210 --> 02:57:57,990

have to do is plant the seed of the idea

3717

02:58:04,280 --> 02:58:02,220

for that and then you go and and invent

3718

02:58:06,740 --> 02:58:04,290

it that's all you got to do

3719

02:58:10,100 --> 02:58:06,750

satellites telecommunications cell

3720

02:58:13,370 --> 02:58:10,110

phones streaming video

3721

02:58:15,290 --> 02:58:13,380

Dick Tracy video watch it all you have

3722

02:58:18,740 --> 02:58:15,300

to do is plant the seed of the idea and

3723

02:58:21,050 --> 02:58:18,750

then they go and create it and so when

3724

02:58:23,030 --> 02:58:21,060

it comes to AI and we we're talking

3725

02:58:25,790 --> 02:58:23,040

about this kind of machine learning and

3726
02:58:28,700 --> 02:58:25,800
in the ability in the Hal 9000 computer

3727
02:58:31,610 --> 02:58:28,710
in 2001 well that they're gonna go and

3728
02:58:35,540 --> 02:58:31,620
invent it they're gonna go and and you

3729
02:58:37,760 --> 02:58:35,550
give them the idea for an EMF well you

3730
02:58:39,740 --> 02:58:37,770
know look at Star Trek and everything

3731
02:58:42,710 --> 02:58:39,750
that was in Star Trek they're working on

3732
02:58:47,000 --> 02:58:42,720
today from not only teleportation but

3733
02:58:48,341 --> 02:58:47,010
look at the communicators and and you

3734
02:58:50,801 --> 02:58:48,351
know

3735
02:58:54,791 --> 02:58:50,811
exotic engines and propulsion systems

3736
02:58:57,430 --> 02:58:54,801
and so forth so anyway you you put that

3737
02:59:00,990 --> 02:58:57,440
idea out there and now you talk about

3738
02:59:04,180 --> 02:59:01,000

the singularity and and the point of

3739

02:59:07,631 --> 02:59:04,190

it's gonna happen you only have to put

3740

02:59:10,060 --> 02:59:07,641

the idea out there the and it germinates

3741

02:59:13,270 --> 02:59:10,070

in a petri dish and the next thing you

3742

02:59:17,140 --> 02:59:13,280

know so to say that the singularity is

3743

02:59:20,261 --> 02:59:17,150

not possible the fear of for me for

3744

02:59:24,251 --> 02:59:20,271

machine learning to take place and they

3745

02:59:26,591 --> 02:59:24,261

they suddenly surpass us at that point

3746

02:59:28,841 --> 02:59:26,601

being able to teach themselves and

3747

02:59:32,770 --> 02:59:28,851

acquire knowledge through a vast network

3748

02:59:36,730 --> 02:59:32,780

of data that is interconnected on server

3749

02:59:40,870 --> 02:59:36,740

farms around the world and learn learn

3750

02:59:44,110 --> 02:59:40,880

math and learn physics and and and and

3751

02:59:46,150 --> 02:59:44,120

biology and ever just just learn

3752

02:59:48,160 --> 02:59:46,160

everything and take science to the next

3753

02:59:50,680 --> 02:59:48,170

level and and knowledge to the next

3754

02:59:53,560 --> 02:59:50,690

level and design to the next level and

3755

02:59:56,430 --> 02:59:53,570

do it by themselves without us that's a

3756

03:00:00,610 --> 02:59:56,440

scary thought and what they could learn

3757

03:00:03,761 --> 03:00:00,620

automatically in 24 hours in 48 hours

3758

03:00:06,551 --> 03:00:03,771

not in a hundred years we've been

3759

03:00:09,091 --> 03:00:06,561

acquiring this knowledge for 5,000 years

3760

03:00:14,320 --> 03:00:09,101

right 5,000 years got us to the moon

3761

03:00:17,921 --> 03:00:14,330

right well or longer but a machine

3762

03:00:22,631 --> 03:00:17,931

learning situation of singularity that

3763

03:00:27,330 --> 03:00:22,641

knowledge gets by the nanosecond by the

3764

03:00:30,610 --> 03:00:27,340

nanosecond just multitudes magnitudes of

3765

03:00:33,370 --> 03:00:30,620

knowledge it's that's a crazy thought to

3766

03:00:37,390 --> 03:00:33,380

me so they've got that at quantum

3767

03:00:39,610 --> 03:00:37,400

computer the d3 or I can't remember the

3768

03:00:40,270 --> 03:00:39,620

exact name of this there's so many of

3769

03:00:43,120 --> 03:00:40,280

them now

3770

03:00:45,490 --> 03:00:43,130

I mean China's gotta be the badass does

3771

03:00:48,490 --> 03:00:45,500

quantum computer right now but listen I

3772

03:00:50,291 --> 03:00:48,500

fill a boggle or one I got a run I got a

3773

03:00:52,060 --> 03:00:50,301

round gate right the end of the show so

3774

03:00:53,830 --> 03:00:52,070

I'll see you tomorrow all right man take

3775

03:00:55,180 --> 03:00:53,840

care of it you know see what thank you

3776

03:00:59,140 --> 03:00:55,190

Phillip

3777

03:01:03,450 --> 03:00:59,150

I Philip Philip as he should be

3778

03:01:10,889 --> 03:01:07,649

be aware be aware I don't know everybody

3779

03:01:12,960 --> 03:01:10,899

talks about the that infamous on/off

3780

03:01:16,439 --> 03:01:12,970

switch when it comes to these

3781

03:01:19,950 --> 03:01:16,449

capabilities you know where can we do it

3782

03:01:24,689 --> 03:01:19,960

and where should where should it be put

3783

03:01:27,090 --> 03:01:24,699

and then at the moment of necessity flip

3784

03:01:30,809 --> 03:01:27,100

that and turn everything off is it

3785

03:01:33,269 --> 03:01:30,819

possible you know and to think how we

3786

03:01:41,069 --> 03:01:33,279

don't have to worry about that no we do

3787

03:01:45,210 --> 03:01:41,079

we absolutely do i I don't want there to

3788

03:01:48,240 --> 03:01:45,220

be some central core out there that is

3789

03:01:50,490 --> 03:01:48,250

very very smart and connected that can

3790

03:01:52,830 --> 03:01:50,500

run things and I'm talking about

3791

03:01:55,790 --> 03:01:52,840

nanobots and I'm talking about drones

3792

03:01:58,170 --> 03:01:55,800

and I'm talking about robots and and

3793

03:02:01,620 --> 03:01:58,180

manufacturing and electricity and food

3794

03:02:04,380 --> 03:02:01,630

and if all that can be controlled by

3795

03:02:09,420 --> 03:02:04,390

somebody that is not controllable when I

3796

03:02:11,880 --> 03:02:09,430

say somebody I'm talking about AI I'm

3797

03:02:15,450 --> 03:02:11,890

just not so sure we we need to be

3798

03:02:18,840 --> 03:02:15,460

relaxed about that I'm gonna continue to

3799

03:02:23,420 --> 03:02:18,850

be paranoid I have to be and so should

3800

03:02:26,849 --> 03:02:23,430

all of us technology is a good thing the

3801
03:02:29,729 --> 03:02:26,859
ability for us to do this show and how

3802
03:02:33,870 --> 03:02:29,739
we do it is part of the technology that

3803
03:02:36,779 --> 03:02:33,880
I embrace this family is connected every

3804
03:02:38,910 --> 03:02:36,789
single night by the technology that we

3805
03:02:41,609 --> 03:02:38,920
need to also be a little bit you know

3806
03:02:43,889 --> 03:02:41,619
worried about and I think that's healthy

3807
03:02:46,620 --> 03:02:43,899
this is fade to black I'm your host

3808
03:02:50,639 --> 03:02:46,630
Jimmy church want to thank Jason Lube

3809
03:02:52,410 --> 03:02:50,649
Jason Lube L o UV comm the links are

3810
03:02:55,520 --> 03:02:52,420
over at Jimmy Church radio.com e could

3811
03:02:57,590 --> 03:02:55,530
follow Jason on Twitter at Jason Lou

3812
03:02:59,390 --> 03:02:57,600
paid to Black's executive producers

3813
03:03:01,820 --> 03:02:59,400

ritika Murray on shows produced by him

3814

03:03:03,830 --> 03:03:01,830

Jay Paul Rene Dennis and Bob announces

3815

03:03:07,130 --> 03:03:03,840

our Steve martyr Jean Patou a mark D

3816

03:03:10,220 --> 03:03:07,140

kovar webmaster drew the geek music doug

3817

03:03:13,370 --> 03:03:10,230

aldrich intro space boys space boy

3818

03:03:16,810 --> 03:03:13,380

music.com beta-blockers produced by

3819

03:03:20,240 --> 03:03:16,820

kjsurya productions indication is kgr a

3820

03:03:22,850 --> 03:03:20,250

the planet this broadcast is owned and

3821

03:03:24,020 --> 03:03:22,860

copyrighted 2018 by fade to black in the

3822

03:03:26,540 --> 03:03:24,030

game changer network

3823

03:03:28,160 --> 03:03:26,550

it cannot be rebroadcast downloaded

3824

03:03:30,500 --> 03:03:28,170

copied or used anywhere in the known

3825

03:03:32,090 --> 03:03:30,510

universe without written permission from

3826

03:03:34,210 --> 03:03:32,100

fade to black of the game-changer

3827

03:03:36,200 --> 03:03:34,220

network i'm your host jimmy church

3828

03:03:38,860 --> 03:03:36,210

tomorrow night it's gonna be a great

3829

03:03:43,220 --> 03:03:38,870

night I'm gonna introduce you to Tracy

3830

03:04:00,500 --> 03:03:43,230

Garvin until then I want everybody to be