

JUNE 26, 2018  
7 PM PST / 10 PM EST

JASON LOUV

HYPERWORLDS, UNDERWORLDS

**Ep. 879**

**F2B**

WITH JIMMY CHURCH



JASONLOUV.COM

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1  
00:00:22,640 --> 00:00:21,200

[Music]

2  
00:00:28,060 --> 00:00:22,650

[Applause]

3  
00:00:33,410 --> 00:00:31,099

1947 the Army Air Force has announced

4  
00:00:34,639 --> 00:00:33,420

that applying there has been found and

5  
00:00:35,330 --> 00:00:34,649

they're now in the possession of the

6  
00:00:38,290 --> 00:00:35,340

army

7  
00:00:41,750 --> 00:00:38,300

the game is rigged change the game

8  
00:00:46,000 --> 00:00:41,760

changer I occasionally think how quickly

9  
00:00:48,889 --> 00:00:46,010

our differences worldwide would vanish

10  
00:00:56,369 --> 00:00:48,899

if we were facing an alien threat from

11  
00:01:01,650 --> 00:00:58,799

fade to black with your host Jimmy

12  
00:01:08,240 --> 00:01:01,660

church on the game-changer Radio Network

13  
00:01:13,330 --> 00:01:11,250

I need your help to get to the

14

00:01:17,020 --> 00:01:13,340

eighty-five

15

00:01:19,180 --> 00:01:17,030

[Music]

16

00:01:21,130 --> 00:01:19,190

you're listening to fade to black with

17

00:01:22,080 --> 00:01:21,140

Jimmy church on the game-changing

18

00:01:28,840 --> 00:01:22,090

network

19

00:01:28,850 --> 00:01:33,820

welcome

20

00:01:43,410 --> 00:01:41,130

fade to black this spoke radio for the

21

00:01:52,859 --> 00:01:43,420

masses

22

00:01:55,620 --> 00:01:52,869

yeah today's Tuesday June 26th 2018 177

23

00:01:58,530 --> 00:01:55,630

days into the new year chest 188 days

24

00:02:02,810 --> 00:01:58,540

left we're live from a bunker somewhere

25

00:02:05,160 --> 00:02:02,820

in beautiful downtown Burbank California

26

00:02:07,140 --> 00:02:05,170

and I would like to welcome everybody

27

00:02:10,830 --> 00:02:07,150

listening all around the world all

28

00:02:13,530 --> 00:02:10,840

across the United States hither and

29

00:02:15,720 --> 00:02:13,540

thither to and fro back and forth up and

30

00:02:17,900 --> 00:02:15,730

down east and west north and south far

31

00:02:21,180 --> 00:02:17,910

and near

32

00:02:23,550 --> 00:02:21,190

this is fade to black for kjc are the

33

00:02:26,070 --> 00:02:23,560

game changer Network and K GRA the

34

00:02:30,960 --> 00:02:26,080

planet I'm here Jimmy Church what is

35

00:02:33,350 --> 00:02:30,970

cracking everybody how you doin very

36

00:02:36,660 --> 00:02:33,360

excited about tonight's show

37

00:02:40,560 --> 00:02:36,670

because tonight very special guest Jason

38

00:02:45,750 --> 00:02:40,570

Louvre is back and tonight we're gonna

39

00:02:49,289 --> 00:02:45,760

talk technology all of it

40

00:02:50,819 --> 00:02:49,299

all of it we're gonna talk we're gonna

41

00:02:52,710 --> 00:02:50,829

talk Big Brother we're gonna talk

42

00:02:56,869 --> 00:02:52,720

artificial reality artificial

43

00:03:01,619 --> 00:02:56,879

intelligence privacy data mining

44

00:03:07,140 --> 00:03:01,629

cellphones networks we're gonna do it

45

00:03:11,220 --> 00:03:07,150

all tonight and how it controls you

46

00:03:15,000 --> 00:03:11,230

today and what we can expect in the

47

00:03:16,740 --> 00:03:15,010

future it's a very important show with

48

00:03:20,250 --> 00:03:16,750

one of the very best and brightest

49

00:03:22,860 --> 00:03:20,260

jasonlew okay now tomorrow night

50

00:03:25,349 --> 00:03:22,870

another big show because tomorrow night

51  
00:03:28,199 --> 00:03:25,359  
Tracy Garbett is here and we are going

52  
00:03:29,819 --> 00:03:28,209  
to introduce her to the world that's

53  
00:03:35,309 --> 00:03:29,829  
right Tracy Garbett tomorrow night

54  
00:03:37,800 --> 00:03:35,319  
the hohoho man just wait tomorrow night

55  
00:03:40,800 --> 00:03:37,810  
and then Thursday is another Fator night

56  
00:03:44,190 --> 00:03:40,810  
without Jon Rappoport and is no more

57  
00:03:49,050 --> 00:03:44,200  
fake newsroom live that's right John is

58  
00:03:51,390 --> 00:03:49,060  
back on the road he's doing stuff he's

59  
00:03:54,689 --> 00:03:51,400  
doing research that's what he's doing

60  
00:03:57,240 --> 00:03:54,699  
so he will be with this next Thursday

61  
00:04:01,170 --> 00:03:57,250  
but he won't be with us this Thursday

62  
00:04:05,309 --> 00:04:01,180  
which means a full night of open lines

63  
00:04:09,210 --> 00:04:05,319

all night long okay now we have on

64

00:04:10,949 --> 00:04:09,220

stellar today Rita you can you can

65

00:04:14,369 --> 00:04:10,959

friend me over at on stellar you can go

66

00:04:18,029 --> 00:04:14,379

and get registered over there the next

67

00:04:23,279 --> 00:04:18,039

great social media platform that is on

68

00:04:26,719 --> 00:04:23,289

stellar ons te ll AR dot-com very simple

69

00:04:29,339 --> 00:04:26,729

just go and register get registered and

70

00:04:34,920 --> 00:04:29,349

it's just like any other social media

71

00:04:35,960 --> 00:04:34,930

platform in that it's free it's a great

72

00:04:38,250 --> 00:04:35,970

community

73

00:04:40,379 --> 00:04:38,260

there's no data mining there's no

74

00:04:42,120 --> 00:04:40,389

advertising there's nothing like that

75

00:04:45,120 --> 00:04:42,130

going on over there but it's built for

76  
00:04:47,520 --> 00:04:45,130  
our community you can do whatever you

77  
00:04:50,640 --> 00:04:47,530  
want you want to post pictures of your

78  
00:04:54,779 --> 00:04:50,650  
cat and you just go right ahead you can

79  
00:04:59,060 --> 00:04:54,789  
do that I haven't jumped in on my famous

80  
00:05:02,260 --> 00:04:59,070  
barbecue pics but that's next

81  
00:05:06,500 --> 00:05:02,270  
the platform is unbelievably beautiful

82  
00:05:09,740 --> 00:05:06,510  
so and fun so go and get registered now

83  
00:05:11,840 --> 00:05:09,750  
on stellar dot-com and use my referral

84  
00:05:14,960 --> 00:05:11,850  
code Jimmy when you register because

85  
00:05:17,750 --> 00:05:14,970  
you're gonna get 15 bonus tokens the on

86  
00:05:20,180 --> 00:05:17,760  
stellar tokens and you will need those

87  
00:05:23,120 --> 00:05:20,190  
and want those and desire more of those

88  
00:05:27,620 --> 00:05:23,130

once the blockchain that this is based

89

00:05:31,700 --> 00:05:27,630

on is plugged in in about a month

90

00:05:32,600 --> 00:05:31,710

mmm that's right what a beautiful

91

00:05:34,159 --> 00:05:32,610

platform

92

00:05:38,200 --> 00:05:34,169

yeah I've been spending much time over

93

00:05:44,890 --> 00:05:40,730

follow me on Twitter I teacher Trudy I'm

94

00:05:48,650 --> 00:05:44,900

just drinking this River Moon coffee man

95

00:05:51,200 --> 00:05:48,660

it for moon is amazing River moon coffee

96

00:05:53,990 --> 00:05:51,210

and it's very simple just go to the

97

00:05:56,120 --> 00:05:54,000

promo the banners over at Jimmy Church

98

00:05:59,090 --> 00:05:56,130

radio.com click and use that promo code

99

00:06:01,870 --> 00:05:59,100

F to be blend you'll get 15% off of your

100

00:06:04,700 --> 00:06:01,880

order so you can you can do you will

101  
00:06:10,520 --> 00:06:04,710  
when you get your fade to black blend

102  
00:06:11,120 --> 00:06:10,530  
right you will do this man that is

103  
00:06:13,930 --> 00:06:11,130  
delicious

104  
00:06:16,670 --> 00:06:13,940  
that's exactly what you are going to say

105  
00:06:19,580 --> 00:06:16,680  
it is it's a game changer fade to black

106  
00:06:22,810 --> 00:06:19,590  
blend by her River moon coffee follow me

107  
00:06:25,969 --> 00:06:22,820  
on Twitter at JD Radio Facebook you can

108  
00:06:27,980 --> 00:06:25,979  
still follow and do all of that stuff

109  
00:06:30,560 --> 00:06:27,990  
with with Facebook right now and of

110  
00:06:31,850 --> 00:06:30,570  
course YouTube you can subscribe to our

111  
00:06:36,320 --> 00:06:31,860  
channel you can go and do everything

112  
00:06:38,180 --> 00:06:36,330  
over at Jimmy Church radio.com okay do

113  
00:06:40,640 --> 00:06:38,190

we have we have all of the on stellar

114

00:06:43,339 --> 00:06:40,650

simply should yeah on stellar said Jimmy

115

00:06:46,189 --> 00:06:43,349

turret radio calm do everything that you

116

00:06:49,189 --> 00:06:46,199

need right there and if you want to hang

117

00:06:54,610 --> 00:06:49,199

out on Twitter with us all night long

118

00:06:58,129 --> 00:06:54,620

it's very simple hashtag f2 B is the

119

00:07:00,650 --> 00:06:58,139

sandbox where we hang out all night I'm

120

00:07:04,850 --> 00:07:00,660

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

121

00:07:07,100 --> 00:07:04,860

going to retweet that and if you want to

122

00:07:09,290 --> 00:07:07,110

check out all the dancing gifts all the

123

00:07:11,150 --> 00:07:09,300

dancers and everything that everybody

124

00:07:14,120 --> 00:07:11,160

posts as they start to show

125

00:07:16,160 --> 00:07:14,130

just head over to Twitter hashtag f2b

126

00:07:19,370 --> 00:07:16,170

you can follow me on twitter at Jay

127

00:07:20,750 --> 00:07:19,380

Church radio okay all right any

128

00:07:24,890 --> 00:07:20,760

questions or comments during the show

129

00:07:28,040 --> 00:07:24,900

hashtag f2b q you can also email during

130

00:07:33,850 --> 00:07:28,050

the show which is jimmy at jimmy church

131

00:07:38,300 --> 00:07:33,860

radio.com breaking news and it is sad

132

00:07:41,120 --> 00:07:38,310

Toys R Us will end it's going out of

133

00:07:44,930 --> 00:07:41,130

business sale as it prepares to close

134

00:07:49,280 --> 00:07:44,940

every u.s. location officially this

135

00:07:53,120 --> 00:07:49,290

Friday that's right the remaining 200

136

00:07:55,940 --> 00:07:53,130

Toys R Us and Babies R Us stores will

137

00:07:58,370 --> 00:07:55,950

shut their doors this Friday June 29th

138

00:08:01,310 --> 00:07:58,380

many locations that have run out of

139

00:08:03,950 --> 00:08:01,320

stock have already shut down and many

140

00:08:08,240 --> 00:08:03,960

more are scheduled to close as early as

141

00:08:13,570 --> 00:08:08,250

midnight tonight the 70 year old

142

00:08:21,290 --> 00:08:13,580

franchise as either closed or sold its

143

00:08:25,340 --> 00:08:21,300

735 Us locations and that's sad I I know

144

00:08:27,800 --> 00:08:25,350

that eBay and Amazon and the Internet

145

00:08:31,310 --> 00:08:27,810

has a lot to do with this a lot of

146

00:08:34,880 --> 00:08:31,320

shopping online and I understand that

147

00:08:36,680 --> 00:08:34,890

and sometimes you know you need to you

148

00:08:39,350 --> 00:08:36,690

need to respond and embrace the internet

149

00:08:42,380 --> 00:08:39,360

if you want to be a brick-and-mortar you

150

00:08:45,560 --> 00:08:42,390

kind of got to do both these days I

151  
00:08:48,950 --> 00:08:45,570  
think Toys R Us was probably behind the

152  
00:08:55,010 --> 00:08:48,960  
ball but that has nothing to do with how

153  
00:08:59,330 --> 00:08:55,020  
I feel inside it it rips at me because

154  
00:09:05,060 --> 00:08:59,340  
all of us everybody listening to me

155  
00:09:07,820 --> 00:09:05,070  
right now has a Toys R Us memory and I I

156  
00:09:11,330 --> 00:09:07,830  
grew up just like everybody here I grew

157  
00:09:14,090 --> 00:09:11,340  
up from day one with Toys R Us and there

158  
00:09:17,530 --> 00:09:14,100  
was nothing like going to Toys R Us with

159  
00:09:23,690 --> 00:09:17,540  
your parents nothing like it nothing

160  
00:09:24,670 --> 00:09:23,700  
Legos right I mean I mean how cool was

161  
00:09:28,470 --> 00:09:24,680  
it right

162  
00:09:33,010 --> 00:09:28,480  
and toys-r-us and that's that's the part

163  
00:09:35,290 --> 00:09:33,020

that I think we remember you know going

164

00:09:38,020 --> 00:09:35,300

to Toys R Us as a kid but then there's

165

00:09:43,870 --> 00:09:38,030

another part when you become a parent

166

00:09:47,110 --> 00:09:43,880

and you are able to take your children

167

00:09:49,630 --> 00:09:47,120

there you know from the time that they

168

00:09:52,210 --> 00:09:49,640

are able to walk and you can you know

169

00:09:54,670 --> 00:09:52,220

just go toy shopping and hanging out

170

00:09:57,150 --> 00:09:54,680

with your with your kids at Toys R Us

171

00:10:00,220 --> 00:09:57,160

there was nothing better than that

172

00:10:03,310 --> 00:10:00,230

because the same magic was there for

173

00:10:07,020 --> 00:10:03,320

them as it was for you and you know your

174

00:10:11,290 --> 00:10:07,030

kids words absolutely glowing inside

175

00:10:17,010 --> 00:10:11,300

just like you did when you were a kid

176

00:10:20,440 --> 00:10:17,020

and it's no more isn't that trippy and

177

00:10:22,510 --> 00:10:20,450

you know I know that a couple of

178

00:10:24,730 --> 00:10:22,520

investors and one big investor tried to

179

00:10:27,160 --> 00:10:24,740

step in and and purchase it and keep it

180

00:10:34,990 --> 00:10:27,170

alive it fell through

181

00:10:40,510 --> 00:10:35,000

sad sad Toys R Us right such as me if it

182

00:10:42,700 --> 00:10:40,520

hurts doesn't it that's where a

183

00:10:45,760 --> 00:10:42,710

government program needs to come in play

184

00:10:49,210 --> 00:10:45,770

right there that's when the government

185

00:10:53,590 --> 00:10:49,220

needs to step in alright there you need

186

00:10:56,010 --> 00:10:53,600

to keep that alive but Toys R Us is no

187

00:11:00,190 --> 00:10:56,020

mores of this Friday unbelievable and

188

00:11:04,230 --> 00:11:00,200

I'll tell you something else this isn't

189

00:11:06,370 --> 00:11:04,240

part of the media story Toys R Us

190

00:11:10,120 --> 00:11:06,380

internationally outside of the United

191

00:11:15,460 --> 00:11:10,130

States still running all the stores are

192

00:11:16,180 --> 00:11:15,470

open yep yep Canada everywhere all those

193

00:11:20,130 --> 00:11:16,190

locations

194

00:11:26,140 --> 00:11:20,140

it's just Toys R Us in the United States

195

00:11:30,280 --> 00:11:26,150

it's just like Jimmy remember Children's

196

00:11:34,260 --> 00:11:30,290

Palace on Shadeland I do I do remember

197

00:11:36,490 --> 00:11:34,270

to childrens bath lozad Shadeland that

198

00:11:38,890 --> 00:11:36,500

Shadeland is a

199

00:11:41,670 --> 00:11:38,900

the main one of the main drags in

200

00:11:45,670 --> 00:11:41,680

Indianapolis I used to work on Shadeland

201  
00:11:47,140 --> 00:11:45,680  
that's where Western Electric was when I

202  
00:11:51,280 --> 00:11:47,150  
worked at Bell Laboratories I was on

203  
00:11:55,270 --> 00:11:51,290  
Shadeland but anyway yeah children's

204  
00:11:58,930 --> 00:11:55,280  
Falla Sun Shade Lynette rocked man I

205  
00:12:01,270 --> 00:11:58,940  
loved my nap town people I loved my nap

206  
00:12:04,450 --> 00:12:01,280  
town people we've got to somehow get

207  
00:12:06,310 --> 00:12:04,460  
something going on in Indianapolis

208  
00:12:08,920 --> 00:12:06,320  
because I need to come back I need to

209  
00:12:10,570 --> 00:12:08,930  
come back to Indy here as soon as I can

210  
00:12:14,050 --> 00:12:10,580  
and come hang out with everybody miss

211  
00:12:16,840 --> 00:12:14,060  
nap town all right don't forget to sign

212  
00:12:19,540 --> 00:12:16,850  
up for our sole tech gathering I'm not

213  
00:12:21,160 --> 00:12:19,550

too sure I haven't didn't believe it or

214

00:12:22,600 --> 00:12:21,170

not I didn't have the time to check this

215

00:12:24,430 --> 00:12:22,610

weekend I should have done it before the

216

00:12:25,150 --> 00:12:24,440

show today see how many tickets we have

217

00:12:29,080 --> 00:12:25,160

left

218

00:12:31,330 --> 00:12:29,090

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

219

00:12:34,810 --> 00:12:31,340

okay were sold out message yet but it's

220

00:12:38,500 --> 00:12:34,820

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

221

00:12:41,800 --> 00:12:38,510

to gathering calm and get sign-up it is

222

00:12:43,690 --> 00:12:41,810

August 9th through the 12th I want to

223

00:12:45,430 --> 00:12:43,700

let everybody know that a quarry good is

224

00:12:48,340 --> 00:12:45,440

going to be my special guest so he'll be

225

00:12:51,580 --> 00:12:48,350

hanging out Friday and Saturday we're

226

00:12:54,010 --> 00:12:51,590

gonna have speakers include james

227

00:12:57,730 --> 00:12:54,020

gilliland Jason quit Matthew Ryan

228

00:13:01,960 --> 00:12:57,740

Makayla Sheldon too resilient in Aris

229

00:13:04,630 --> 00:13:01,970

Holly Marie Mary Gabriel John lund Dana

230

00:13:06,580 --> 00:13:04,640

Harvey Billy Carson Laura Cantu and

231

00:13:10,450 --> 00:13:06,590

Christine Cantigny

232

00:13:13,870 --> 00:13:10,460

will all be teaching okay so this is

233

00:13:17,530 --> 00:13:13,880

this is a conference where we are going

234

00:13:21,790 --> 00:13:17,540

to do three straight days for four

235

00:13:24,190 --> 00:13:21,800

nights three three days of teaching okay

236

00:13:27,670 --> 00:13:24,200

we've got classrooms it's going to be

237

00:13:30,370 --> 00:13:27,680

nothing but right so that's what you

238

00:13:35,970 --> 00:13:30,380

want to do is get signed up right away

239

00:13:39,250 --> 00:13:35,980

the food is going to be amazing and the

240

00:13:40,390 --> 00:13:39,260

Nightwatch is that were the sky watch is

241

00:13:43,300 --> 00:13:40,400

that we're gonna do in the field of

242

00:13:45,640 --> 00:13:43,310

dreams each night Sunday night we are

243

00:13:48,210 --> 00:13:45,650

going to have a party we're gonna have

244

00:13:51,750 --> 00:13:48,220

food trucks that are coming in we're

245

00:13:54,720 --> 00:13:51,760

have music and fun and as well as some

246

00:13:57,780 --> 00:13:54,730

skywatching that'll be going down Sunday

247

00:14:00,150 --> 00:13:57,790

evening so we've got a great itinerary

248

00:14:03,480 --> 00:14:00,160

you can check everything out at a soul

249

00:14:06,570 --> 00:14:03,490

tech gathering dot-com this lineup of

250

00:14:11,450 --> 00:14:06,580

speakers and how we are doing it it's

251  
00:14:13,920 --> 00:14:11,460  
going to be different and I wanted to I

252  
00:14:16,620 --> 00:14:13,930  
wanted to create those memories for

253  
00:14:17,970 --> 00:14:16,630  
everybody that Rita and I got it's it's

254  
00:14:24,390 --> 00:14:17,980  
just a magical place

255  
00:14:27,480 --> 00:14:24,400  
It said It and it is such a an

256  
00:14:29,310 --> 00:14:27,490  
opportunity for everybody to not only to

257  
00:14:31,350 --> 00:14:29,320  
learn and to gather knowledge but to

258  
00:14:36,270 --> 00:14:31,360  
make friends because that's what we did

259  
00:14:38,700 --> 00:14:36,280  
there we we took a group picture up in

260  
00:14:41,220 --> 00:14:38,710  
East Eddy last year got everybody

261  
00:14:43,770 --> 00:14:41,230  
together as we were eating dinner I

262  
00:14:45,870 --> 00:14:43,780  
don't know a hundred or so people in

263  
00:14:50,550 --> 00:14:45,880

this this pic because we were all

264

00:14:54,600 --> 00:14:50,560

friends it was cool and I didn't want to

265

00:14:57,990 --> 00:14:54,610

leave I didn't want to leave so that's

266

00:15:01,290 --> 00:14:58,000

what the goal was here for soul tech

267

00:15:03,510 --> 00:15:01,300

okay go and get signed up now soul tech

268

00:15:05,850 --> 00:15:03,520

gathering dot-com all the information

269

00:15:07,590 --> 00:15:05,860

that you need is right there and then a

270

00:15:10,680 --> 00:15:07,600

week later I'm going to be heading out

271

00:15:13,200 --> 00:15:10,690

August 17th through the 19th I'm heading

272

00:15:15,480 --> 00:15:13,210

out to Loveland Colorado for dimensions

273

00:15:19,080 --> 00:15:15,490

of disclosure with Corey good David

274

00:15:21,060 --> 00:15:19,090

Wilcock Emory Smith tree CNRS Gerald Oh

275

00:15:23,640 --> 00:15:21,070

Donald Jordan say they're in 20 other

276

00:15:27,330 --> 00:15:23,650

speakers and tickets and information all

277

00:15:29,850 --> 00:15:27,340

over at dimensions of disclosure dot-com

278

00:15:34,950 --> 00:15:29,860

and while you're over at Jimmy Church

279

00:15:40,320 --> 00:15:34,960

radio calm don't forget FAO Schwarz yeah

280

00:15:42,330 --> 00:15:40,330

FAO Schwartz I went to well have I been

281

00:15:44,690 --> 00:15:42,340

to so many of Hayao short but the one

282

00:15:48,000 --> 00:15:44,700

that was in New York is it still there

283

00:15:51,560 --> 00:15:48,010

is FAO Schwartz still opening in

284

00:15:56,700 --> 00:15:51,570

Manhattan how could they close that down

285

00:15:58,980 --> 00:15:56,710

keep that baby open FAO Schwartz don't

286

00:16:01,410 --> 00:15:58,990

forget to subscribe to our podcast when

287

00:16:02,730 --> 00:16:01,420

you are over a 2 meter radio calm we

288

00:16:06,130 --> 00:16:02,740

have over

289

00:16:08,710 --> 00:16:06,140

175 archive shows right there custom

290

00:16:11,199 --> 00:16:08,720

apps Apple Android all the platforms

291

00:16:14,800 --> 00:16:11,209

that you need are in the stores and all

292

00:16:16,750 --> 00:16:14,810

of that for just \$2 a month to maturity

293

00:16:19,150 --> 00:16:16,760

accom click on the podcast banner and

294

00:16:21,040 --> 00:16:19,160

you can also become a fader not over in

295

00:16:23,230 --> 00:16:21,050

our membership section

296

00:16:24,970 --> 00:16:23,240

nothing like becoming an official fader

297

00:16:28,240 --> 00:16:24,980

or not where you're gonna get a private

298

00:16:32,470 --> 00:16:28,250

email to me right I'm a little behind on

299

00:16:36,100 --> 00:16:32,480

my emails everybody I know I know I know

300

00:16:38,079 --> 00:16:36,110

but I'll get caught up on on those over

301

00:16:40,329 --> 00:16:38,089

the last couple of days but to get a

302

00:16:42,579 --> 00:16:40,339

private email to me you get the bunker

303

00:16:45,490 --> 00:16:42,589

cam hello everybody in the bunker cam

304

00:16:49,240 --> 00:16:45,500

you get if you wish you can get

305

00:16:51,490 --> 00:16:49,250

commercial free downloadable archives ok

306

00:16:53,889 --> 00:16:51,500

that you can just put on your computer

307

00:16:56,170 --> 00:16:53,899

or your phone and listen to them

308

00:16:58,720 --> 00:16:56,180

whenever you want however you want and

309

00:17:01,180 --> 00:16:58,730

if you get the game changer you also get

310

00:17:03,699 --> 00:17:01,190

that famous fade to black here you get

311

00:17:07,419 --> 00:17:03,709

an autograph fade to black hat that is

312

00:17:10,240 --> 00:17:07,429

not for sale you can only get that fade

313

00:17:12,069 --> 00:17:10,250

to black hat if you become a game

314

00:17:15,460 --> 00:17:12,079

changer all right and you're also gonna

315

00:17:17,679 --> 00:17:15,470

get a t-shirt and you know I get people

316

00:17:22,840 --> 00:17:17,689

all the time I do hey man

317

00:17:26,290 --> 00:17:22,850

sell me a hat no no no no we we've laid

318

00:17:29,290 --> 00:17:26,300

down the law there and that's it you can

319

00:17:32,740 --> 00:17:29,300

only so when you see somebody wearing a

320

00:17:34,780 --> 00:17:32,750

fade to black hat there's only one way

321

00:17:35,440 --> 00:17:34,790

to get it and that's another fade or not

322

00:17:37,919 --> 00:17:35,450

right there

323

00:17:40,720 --> 00:17:37,929

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

324

00:17:41,860 --> 00:17:40,730

dude I'm a fader not that's what you do

325

00:17:44,350 --> 00:17:41,870

that's what they're there for

326

00:17:46,480 --> 00:17:44,360

ok and you can get it right now go over

327

00:17:49,330 --> 00:17:46,490

to our membership check a membership

328

00:17:51,610 --> 00:17:49,340

section become a failure not let's get

329

00:17:55,930 --> 00:17:51,620

this show crackin right now happy

330

00:17:59,530 --> 00:17:55,940

birthday to today Chris O'Donnell is 48

331

00:18:02,740 --> 00:17:59,540

years old and he didn't make the cut for

332

00:18:04,630 --> 00:18:02,750

playing Robin in the Batman films and I

333

00:18:08,260 --> 00:18:04,640

know that's what you're thinking

334

00:18:11,590 --> 00:18:08,270

right now he made the cut because of

335

00:18:13,779 --> 00:18:11,600

scent of a woman yeah

336

00:18:15,400 --> 00:18:13,789

you probably didn't know that see I know

337

00:18:17,620 --> 00:18:15,410

these things and I share the knowledge

338

00:18:20,440 --> 00:18:17,630

it's really that simple

339

00:18:24,700 --> 00:18:20,450

hey John that's a really cool shot of

340

00:18:27,039 --> 00:18:24,710

now I just retweeted that there's that's

341

00:18:30,070 --> 00:18:27,049

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

342

00:18:32,560 --> 00:18:30,080

it that's the new fade to black shirts

343

00:18:34,270 --> 00:18:32,570

right and there ah that's autographed

344

00:18:36,820 --> 00:18:34,280

he's got the autographed hat too as well

345

00:18:39,400 --> 00:18:36,830

that's the new when you renew your

346

00:18:41,590 --> 00:18:39,410

subscription you get this version of the

347

00:18:45,010 --> 00:18:41,600

shirt that's the new one that's really

348

00:18:48,430 --> 00:18:45,020

cool and yeah man

349

00:18:54,310 --> 00:18:48,440

pretty cool gear collection err John I

350

00:18:55,960 --> 00:18:54,320

understand history OTD 1956 one of the

351

00:18:59,200 --> 00:18:55,970

biggest days in the United States

352

00:19:02,320 --> 00:18:59,210

history because I'm in this day in 1956

353

00:19:06,520 --> 00:19:02,330

Congress approves the Federal Highway

354

00:19:12,490 --> 00:19:06,530

Act which allocates more than 30 billion

355

00:19:15,850 --> 00:19:12,500

ducks for the construction of 41,000

356

00:19:21,010 --> 00:19:15,860

miles of Interstate Highways that's

357

00:19:23,919 --> 00:19:21,020

right roadside attractions yep there

358

00:19:26,080 --> 00:19:23,929

wouldn't be any Cracker Barrell if it

359

00:19:28,840 --> 00:19:26,090

wasn't for the Federal Highway Act it

360

00:19:33,330 --> 00:19:28,850

was it was the largest public

361

00:19:36,580 --> 00:19:33,340

construction project in US history now

362

00:19:40,960 --> 00:19:36,590

what we had the courtroom scene sent him

363

00:19:42,149 --> 00:19:40,970

a woman that's really good this is the

364

00:19:47,620 --> 00:19:42,159

deal with that

365

00:19:49,390 --> 00:19:47,630

think about what it did not only to

366

00:19:52,750 --> 00:19:49,400

connect the country but to unite

367

00:19:56,830 --> 00:19:52,760

families the station wagons right

368

00:20:00,840 --> 00:19:56,840

driving summer vacations Christmas

369

00:20:04,510 --> 00:20:00,850

vacations driving across the country

370

00:20:07,270 --> 00:20:04,520

with six kids in the back of a station

371

00:20:09,700 --> 00:20:07,280

wagon without seatbelts thrown stuff out

372

00:20:13,120 --> 00:20:09,710

the back window that was those were the

373

00:20:16,539 --> 00:20:13,130

days and that's what happened on this

374

00:20:19,480 --> 00:20:16,549

day in 1956 now we got to do it all over

375

00:20:23,620 --> 00:20:19,490

again really it means to be another

376

00:20:26,470 --> 00:20:23,630

federal highway act and we just need

377

00:20:27,760 --> 00:20:26,480

new highways just rebuild them I wonder

378

00:20:30,640 --> 00:20:27,770

what it would cost

379

00:20:32,710 --> 00:20:30,650

today in US dollars in in today's

380

00:20:35,290 --> 00:20:32,720

dollars I wonder with that somebody

381

00:20:36,220 --> 00:20:35,300

posts that up or waffle houses yeah

382

00:20:44,290 --> 00:20:36,230

you're right about that

383

00:20:48,730 --> 00:20:44,300

IPD you're absolutely or pilots or what

384

00:20:53,320 --> 00:20:48,740

loves those truck stops so in u.s.

385

00:20:56,530 --> 00:20:53,330

dollars from 1956 to 2018 30 billion to

386

00:20:59,370 --> 00:20:56,540

do 41,000 miles back then what would it

387

00:21:02,230 --> 00:20:59,380

cost in today's dollars

388

00:21:06,210 --> 00:21:02,240

finally OTD before I was born

389

00:21:15,460 --> 00:21:12,880

so Karen did you did you tour did you

390

00:21:17,590 --> 00:21:15,470

vacation in the back of a station wagon

391

00:21:20,910 --> 00:21:17,600

without seat belts with your brothers

392

00:21:24,940 --> 00:21:20,920

and sisters man those for the day's

393

00:21:27,970 --> 00:21:24,950

unbelievable fader fact now this goes

394

00:21:30,640 --> 00:21:27,980

hand-in-hand with our show tonight I'm

395

00:21:32,890 --> 00:21:30,650

gonna talk to Jason about tonight's

396

00:21:36,490 --> 00:21:32,900

fader fact and also my rant which I've

397

00:21:40,870 --> 00:21:36,500

got to get to now but fader fact one in

398

00:21:46,660 --> 00:21:40,880

three children one in three children

399

00:21:54,130 --> 00:21:46,670

today can use a tablet before they can

400

00:21:56,530 --> 00:21:54,140

speaking think about that yeah one in three

401  
00:21:58,570 --> 00:21:56,540  
tonight Jason Lube is here we're gonna

402  
00:22:01,780 --> 00:21:58,580  
talk technology all night long tomorrow

403  
00:22:03,460 --> 00:22:01,790  
night I'm introducing you to Tracy

404  
00:22:04,960 --> 00:22:03,470  
Garbett that will be tomorrow night

405  
00:22:07,360 --> 00:22:04,970  
Thursday night's another failure tonight

406  
00:22:11,640 --> 00:22:07,370  
open lines all night long Jon Rappoport

407  
00:22:15,850 --> 00:22:11,650  
is back on the road well here we go day

408  
00:22:22,960 --> 00:22:15,860  
right now my rant tonight needs a shot

409  
00:22:24,700 --> 00:22:22,970  
of this coffee I also miss hitting it

410  
00:22:27,130 --> 00:22:24,710  
being able to sit in the back of a

411  
00:22:30,550 --> 00:22:27,140  
pickup and having the wind blowing on

412  
00:22:32,380 --> 00:22:30,560  
you yeah you probably probably can't do

413  
00:22:35,680 --> 00:22:32,390

that today that's in the chat room

414

00:22:37,780 --> 00:22:35,690

that's from Catalina in the chair

415

00:22:39,070 --> 00:22:37,790

can you do that can you ride around on

416

00:22:42,850 --> 00:22:39,080

the back of a pickup truck

417

00:22:46,990 --> 00:22:42,860

probably in the south anyway at least

418

00:22:50,680 --> 00:22:47,000

eight AT&T facilities across the United

419

00:22:53,380 --> 00:22:50,690

States provide the NSA with data

420

00:22:56,980 --> 00:22:53,390

essential to spy on Internet and phone

421

00:22:59,590 --> 00:22:56,990

traffic across the globe US according to

422

00:23:02,350 --> 00:22:59,600

the intercept and their report that was

423

00:23:07,410 --> 00:23:02,360

published today adding that the agency

424

00:23:09,820 --> 00:23:07,420

called AT&T a trusted siliceous partner

425

00:23:11,400 --> 00:23:09,830

for over 30 years Dallas pays

426  
00:23:15,130 --> 00:23:11,410  
multinational telecommunications

427  
00:23:17,260 --> 00:23:15,140  
conglomerate AT&T has provided us

428  
00:23:19,900 --> 00:23:17,270  
intelligence with private data of its

429  
00:23:22,470 --> 00:23:19,910  
customers through a specially designed

430  
00:23:26,260 --> 00:23:22,480  
surveillance program called

431  
00:23:28,810 --> 00:23:26,270  
Fairview after the first reports of the

432  
00:23:30,300 --> 00:23:28,820  
secret program Cerf is back in 2013 and

433  
00:23:32,260 --> 00:23:30,310  
I talked about it on this program

434  
00:23:34,690 --> 00:23:32,270  
following the revelations of

435  
00:23:36,640 --> 00:23:34,700  
whistleblower Edward Snowden the

436  
00:23:39,520 --> 00:23:36,650  
intercept has managed to identify at

437  
00:23:42,370 --> 00:23:39,530  
least eight AT&T sites that transmit

438  
00:23:46,090 --> 00:23:42,380

billions of private messages chat

439

00:23:50,380 --> 00:23:46,100

history and phone calls to the US

440

00:23:53,050 --> 00:23:50,390

government now I'm quoting here AT&T is

441

00:23:56,230 --> 00:23:53,060

the only company involved in fairview

442

00:23:59,830 --> 00:23:56,240

which was first established in 1985

443

00:24:01,380 --> 00:23:59,840

according to NSA documents and involves

444

00:24:03,700 --> 00:24:01,390

tapping into international

445

00:24:06,430 --> 00:24:03,710

telecommunications cables routers and

446

00:24:07,810 --> 00:24:06,440

switches the publication said all of

447

00:24:10,150 --> 00:24:07,820

this after conducting a thorough

448

00:24:12,970 --> 00:24:10,160

investigation of public records secret

449

00:24:16,540 --> 00:24:12,980

NSA records and witness testimony

450

00:24:19,540 --> 00:24:16,550

now while other physical locations may

451  
00:24:22,210 --> 00:24:19,550  
be evolved in the fairview program the

452  
00:24:25,480 --> 00:24:22,220  
investigation identified 18 t's backbone

453  
00:24:30,850 --> 00:24:25,490  
and peering facilities in Atlanta

454  
00:24:34,480 --> 00:24:30,860  
Chicago Dallas Los Angeles New York San

455  
00:24:38,350 --> 00:24:34,490  
Francisco Seattle and Washington DC and

456  
00:24:43,900 --> 00:24:38,360  
all of them are hidden in plain sight

457  
00:24:46,090 --> 00:24:43,910  
in addition to ATT customers the US Jain

458  
00:24:48,640 --> 00:24:46,100  
also reportedly jeopardized the privacy

459  
00:24:49,180 --> 00:24:48,650  
of other telecom providers they use the

460  
00:24:52,960 --> 00:24:49,190  
companies

461  
00:24:56,710 --> 00:24:52,970  
service node routing complexes refer to

462  
00:24:59,550 --> 00:24:56,720  
as peering sites they include us-based

463  
00:25:02,320 --> 00:24:59,560

telecommunications giant sprint and

464

00:25:05,110 --> 00:25:02,330

cognate communications in addition to

465

00:25:09,760 --> 00:25:05,120

Sweden's Thalia India's Tata

466

00:25:15,340 --> 00:25:09,770

Communications Tata and Italy's Telecom

467

00:25:17,130 --> 00:25:15,350

Italia Germany's Dutch telecom and now

468

00:25:19,240 --> 00:25:17,140

check this out with the internet

469

00:25:21,550 --> 00:25:19,250

originating back in the United States

470

00:25:23,620 --> 00:25:21,560

and 1970s in the global outreach of

471

00:25:25,420 --> 00:25:23,630

local tech companies major part of

472

00:25:27,100 --> 00:25:25,430

international data and communications

473

00:25:30,910 --> 00:25:27,110

traffic is currently routed through the

474

00:25:32,730 --> 00:25:30,920

u.s. America's geographical position

475

00:25:36,160 --> 00:25:32,740

that's right

476

00:25:38,230 --> 00:25:36,170

everything funnels through here now it

477

00:25:41,190 --> 00:25:38,240

also helps that the United States is

478

00:25:45,670 --> 00:25:41,200

smack dab in the middle of what well

479

00:25:48,970 --> 00:25:45,680

Europe the Middle East in Asia that's

480

00:25:51,730 --> 00:25:48,980

right everything runs through here now

481

00:25:53,560 --> 00:25:51,740

the NSA possesses vast legal powers to

482

00:25:55,900 --> 00:25:53,570

snoop on emails phone calls and other

483

00:25:58,030 --> 00:25:55,910

communications passing through the US as

484

00:26:00,040 --> 00:25:58,040

well as making American tech companies

485

00:26:01,930 --> 00:26:00,050

install surveillance Hardware in their

486

00:26:03,670 --> 00:26:01,940

networks and carrying out these

487

00:26:07,060 --> 00:26:03,680

activities the agency draws from

488

00:26:09,520 --> 00:26:07,070

executive order one two three three

489

00:26:11,110 --> 00:26:09,530

three which was introduced during Ronald

490

00:26:14,820 --> 00:26:11,120

Reagan's time in office back in the

491

00:26:17,200 --> 00:26:14,830

1980s it allowed the NSA to monitor all

492

00:26:19,990 --> 00:26:17,210

communications which originate and

493

00:26:24,250 --> 00:26:20,000

terminate in foreign countries but

494

00:26:27,070 --> 00:26:24,260

travel through the United States the

495

00:26:30,220 --> 00:26:27,080

eight nuclear blast resistant windowless

496

00:26:32,920 --> 00:26:30,230

facilities offer the NSA common backbone

497

00:26:35,170 --> 00:26:32,930

admission to raw user data that passes

498

00:26:38,530 --> 00:26:35,180

through the network which includes web

499

00:26:40,900 --> 00:26:38,540

browsing social media queries other

500

00:26:43,030 --> 00:26:40,910

forms of online and phone activity and

501  
00:26:45,640 --> 00:26:43,040  
in addition the US company has around

502  
00:26:49,870 --> 00:26:45,650  
nineteen thousand five hundred points of

503  
00:26:54,310 --> 00:26:49,880  
presence in 149 countries which helped

504  
00:26:58,510 --> 00:26:54,320  
the NSA monitor online activity again

505  
00:27:00,850 --> 00:26:58,520  
I'm gonna quote here the data exchanged

506  
00:27:03,039 --> 00:27:00,860  
between AT&T and other networks

507  
00:27:06,220 --> 00:27:03,049  
initially takes place outside

508  
00:27:08,350 --> 00:27:06,230  
tee's control at third-party data

509  
00:27:11,619 --> 00:27:08,360  
centers that are owned and operated by

510  
00:27:14,859 --> 00:27:11,629  
companies such as California's Equinox

511  
00:27:18,340 --> 00:27:14,869  
but the data is then routed in whole or

512  
00:27:24,220 --> 00:27:18,350  
in part through eight AT&T buildings

513  
00:27:28,060 --> 00:27:24,230

where the NSA taps into all of it it's

514

00:27:32,320 --> 00:27:28,070

pretty crazy now I've got the addresses

515

00:27:37,119 --> 00:27:32,330

of all eight buildings I have personally

516

00:27:40,840 --> 00:27:37,129

seen - I've got the addresses for all

517

00:27:45,460 --> 00:27:40,850

eight and it's almost worth traveling

518

00:27:49,019 --> 00:27:45,470

the country to go look to walk inside

519

00:27:52,840 --> 00:27:49,029

how would you like to be able to now the

520

00:27:56,259 --> 00:27:52,850

AT&T Center in Manhattan it's a very

521

00:27:58,389 --> 00:27:56,269

famous building and I can guarantee it's

522

00:28:00,970 --> 00:27:58,399

very fake they use it for all kinds of

523

00:28:03,489 --> 00:28:00,980

things but I guarantee you you go up to

524

00:28:07,149 --> 00:28:03,499

that front door turn around look at the

525

00:28:09,009 --> 00:28:07,159

street you're gonna see snoops you're

526  
00:28:10,450 --> 00:28:09,019  
gonna see crazy cars you're gonna see

527  
00:28:13,960 --> 00:28:10,460  
people going in and out of that building

528  
00:28:19,419 --> 00:28:13,970  
that will scare the crap out of you real

529  
00:28:21,639 --> 00:28:19,429  
spies real spooks real snoops think

530  
00:28:25,269 --> 00:28:21,649  
about that at eight different cities

531  
00:28:28,269 --> 00:28:25,279  
across the United States every all of

532  
00:28:31,960 --> 00:28:28,279  
you know when you think about you know

533  
00:28:34,680 --> 00:28:31,970  
Dallas and in Manhattan and Los Angeles

534  
00:28:39,489 --> 00:28:34,690  
in Seattle right you think about these

535  
00:28:42,580 --> 00:28:39,499  
these points and that all of your data

536  
00:28:46,869 --> 00:28:42,590  
all of it all of it goes through those

537  
00:28:50,139 --> 00:28:46,879  
eight buildings every text it's crazy

538  
00:28:51,369 --> 00:28:50,149

it's absolutely nuts I'll have more on

539

00:28:53,619 --> 00:28:51,379

this later on tonight and I'll be

540

00:28:56,619 --> 00:28:53,629

discussing this with Jason because we're

541

00:28:58,180 --> 00:28:56,629

gonna talk technology all night long

542

00:29:00,159 --> 00:28:58,190

this is fade to black

543

00:29:02,590 --> 00:29:00,169

our guest tonight is Jason Louvre

544

00:29:04,119 --> 00:29:02,600

tomorrow night Tracey kharbut is going

545

00:29:06,820 --> 00:29:04,129

to be here getting her introduction to

546

00:29:10,119 --> 00:29:06,830

the world and of course Thursday night

547

00:29:14,259 --> 00:29:10,129

is another Fator night but Jon Rappoport

548

00:29:15,909 --> 00:29:14,269

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

549

00:29:17,930 --> 00:29:15,919

be back with us next Thursday but

550

00:29:20,030 --> 00:29:17,940

tonight is Jason

551

00:29:22,340 --> 00:29:20,040

this is fade to black I am your host

552

00:29:24,950 --> 00:29:22,350

Jimmy Church it's going to be an amazing

553

00:29:26,990 --> 00:29:24,960

amazing conversation tonight

554

00:29:30,800 --> 00:29:27,000

you can follow me on Twitter at Jade

555

00:29:32,390 --> 00:29:30,810

Church radio email is Jimmy at Jimmy

556

00:29:33,420 --> 00:29:32,400

Church radio calm I'll be right back

557

00:29:54,600 --> 00:29:33,430

stay with me

558

00:30:08,419 --> 00:30:05,379

[Music]

559

00:30:11,799 --> 00:30:08,429

you're listening to Jimmy Church fade to

560

00:30:25,310 --> 00:30:14,509

fade to black will now pause for a

561

00:30:28,039 --> 00:30:25,320

de-identification kgr a radio when you

562

00:30:30,560 --> 00:30:28,049

take the beams from Central America with

563

00:30:32,719 --> 00:30:30,570

dashes of indonesian and african mixed

564

00:30:34,279 --> 00:30:32,729

in and then roast it to the dark side of

565

00:30:37,569 --> 00:30:34,289

fade to black

566

00:30:40,519 --> 00:30:37,579

you create the ultimate brew of Fringe

567

00:30:43,729 --> 00:30:40,529

introducing the fade to black blend from

568

00:30:46,819 --> 00:30:43,739

River moon coffee yes River moons

569

00:30:49,009 --> 00:30:46,829

darkest customized roast was created for

570

00:30:52,039 --> 00:30:49,019

the love of fade to black

571

00:30:54,680 --> 00:30:52,049

the alchemy of masterful roasting and

572

00:30:58,249 --> 00:30:54,690

smoking the beans is in every sip of

573

00:31:01,249 --> 00:30:58,259

this full-bodied dark Java I need my

574

00:31:03,109 --> 00:31:01,259

coffee dog deep with distinct

575

00:31:06,289 --> 00:31:03,119

bittersweet chocolate highlights just

576

00:31:08,719 --> 00:31:06,299

like the bunker leaning further into the

577

00:31:12,019 --> 00:31:08,729

darkness of the roast is fade to black

578

00:31:13,669 --> 00:31:12,029

blend from rubber moon coffee just click

579

00:31:16,999 --> 00:31:13,679

on the banner at Jimmy Church radio.com

580

00:31:22,029 --> 00:31:17,009

and use the promo code F to B blend for

581

00:31:24,589 --> 00:31:22,039

15% off of your order today gobekli tepe

582

00:31:26,899 --> 00:31:24,599

what can I say about the most popular

583

00:31:29,299 --> 00:31:26,909

tea on the Internet and what a customers

584

00:31:33,469 --> 00:31:29,309

say about life change to eat at get the

585

00:31:36,229 --> 00:31:33,479

tea calm a lot but by federal law we get

586

00:31:38,689 --> 00:31:36,239

the t-dot-com cannot make claims to how

587

00:31:40,699 --> 00:31:38,699

this product can enhance your health we

588

00:31:43,430 --> 00:31:40,709

cannot even post our testimonies without

589

00:31:45,949 --> 00:31:43,440

being in compliance so how do we get

590

00:31:48,349 --> 00:31:45,959

past the hump try our products that get

591

00:31:51,709 --> 00:31:48,359

the tea calm and see for yourself you

592

00:31:53,539 --> 00:31:51,719

can send us a testimony but we just

593

00:31:57,439 --> 00:31:53,549

can't post it bummer

594

00:31:59,119 --> 00:31:57,449

our products are GMO free and organic we

595

00:32:01,549 --> 00:31:59,129

pride ourself in being the best we can

596

00:32:04,519 --> 00:32:01,559

be and we urge you to take charge of

597

00:32:06,439 --> 00:32:04,529

your health we're loving your strong and

598

00:32:08,479 --> 00:32:06,449

many of our customers have shared their

599

00:32:11,359 --> 00:32:08,489

successes with friends and family

600

00:32:15,120 --> 00:32:11,369

protect your colon log on to get the tea

601  
00:32:21,600 --> 00:32:15,130  
calm that's get the t-dot-com

602  
00:32:24,920 --> 00:32:21,610  
the t-dot-com get t.com nine out of ten

603  
00:32:26,870 --> 00:32:24,930  
geneticists agreed

604  
00:32:32,490 --> 00:32:26,880  
fade to black

605  
00:32:36,840 --> 00:32:32,500  
is not your father's radio show on the

606  
00:32:43,200 --> 00:32:36,850  
game changer radio network and k GRA the

607  
00:32:44,820 --> 00:32:43,210  
planet Katy RA this summer tickets and

608  
00:32:47,010 --> 00:32:44,830  
hotel accommodations to the biggest

609  
00:32:49,230 --> 00:32:47,020  
conferences autograph books and DVDs

610  
00:32:51,240 --> 00:32:49,240  
chances to win all-inclusive conference

611  
00:32:54,600 --> 00:32:51,250  
cruises and private dinners with your

612  
00:32:57,240 --> 00:32:54,610  
favorite K GRA hosts click the contest

613  
00:32:59,370 --> 00:32:57,250

to have it k GRA radio.com for your

614

00:33:01,530 --> 00:32:59,380

chance to win big this summer your

615

00:33:06,910 --> 00:33:01,540

contact for the best alternative talk

616

00:33:11,609 --> 00:33:08,810

[Music]

617

00:33:13,200 --> 00:33:11,619

hi this is Rob Reiner from anvil and

618

00:33:18,960 --> 00:33:13,210

you're listening to Jimmy's George

619

00:33:21,790 --> 00:33:18,970

radio.com comments and we're listening

620

00:33:29,310 --> 00:33:21,800

the Shamy church radio

621

00:33:29,320 --> 00:33:35,779

[Music]

622

00:33:40,710 --> 00:33:37,950

all right welcome back pay the black

623

00:33:45,770 --> 00:33:40,720

army Osumi Church on the game changer

624

00:33:51,810 --> 00:33:48,210

the world that's what we do here we

625

00:33:53,730 --> 00:33:51,820

gather knowledge and share it want to

626

00:33:57,270 --> 00:33:53,740

remind everybody tomorrow night I'm

627

00:33:58,680 --> 00:33:57,280

introducing Tracy Garvin to you get

628

00:34:01,260 --> 00:33:58,690

ready for that it's gonna be an amazing

629

00:34:03,330 --> 00:34:01,270

show Thursday night is open lines all

630

00:34:06,419 --> 00:34:03,340

night long taking your phone calls it is

631

00:34:08,669 --> 00:34:06,429

fader night tonight Jason Lube is back

632

00:34:12,629 --> 00:34:08,679

with us I'm very excited about this show

633

00:34:16,919 --> 00:34:12,639

I discussed these subjects about not

634

00:34:20,310 --> 00:34:16,929

only technology and AR in AI in parallel

635

00:34:22,430 --> 00:34:20,320

worlds and and what Silicon Valley is is

636

00:34:25,619 --> 00:34:22,440

doing with all of that to help science

637

00:34:28,290 --> 00:34:25,629

prove some of these fantastical things

638

00:34:30,330 --> 00:34:28,300

that were only science fiction just a

639

00:34:32,399 --> 00:34:30,340

short while ago today at science fact

640

00:34:34,800 --> 00:34:32,409

well Jason is the author of eight books

641

00:34:38,879 --> 00:34:34,810

including John Dean the Empire of Angels

642

00:34:41,339 --> 00:34:38,889

generation hex and the psychic Bible and

643

00:34:43,260 --> 00:34:41,349

as a journalist has covered surveillance

644

00:34:45,889 --> 00:34:43,270

international trade and the dark side of

645

00:34:48,629 --> 00:34:45,899

technology for vice news Boeing Boeing

646

00:34:51,599 --> 00:34:48,639

motherboard and many more and as a

647

00:34:53,490 --> 00:34:51,609

futurist and strategist he has worked on

648

00:34:56,490 --> 00:34:53,500

Buzz Aldrin's international campaign to

649

00:34:58,890 --> 00:34:56,500

colonize Mars and Google's artificial

650

00:35:01,200 --> 00:34:58,900

intelligence program tonight we're gonna

651  
00:35:03,540 --> 00:35:01,210  
discuss how technology has taken over

652  
00:35:05,550 --> 00:35:03,550  
our lives how this tech will affect our

653  
00:35:09,660 --> 00:35:05,560  
future and what we can do to preserve

654  
00:35:11,760 --> 00:35:09,670  
our individual thought and actions big

655  
00:35:16,349 --> 00:35:11,770  
brother is watching and I would like to

656  
00:35:18,960 --> 00:35:16,359  
welcome watch like to watch Jason loov

657  
00:35:20,960 --> 00:35:18,970  
back to the program Jason good evening

658  
00:35:23,130 --> 00:35:20,970  
hey Jamie thanks for having me back on

659  
00:35:26,640 --> 00:35:23,140  
it's really good to hear your voice my

660  
00:35:28,920 --> 00:35:26,650  
friend and I don't know we're gonna

661  
00:35:32,099 --> 00:35:28,930  
start off here Jason I don't know if you

662  
00:35:35,490 --> 00:35:32,109  
caught my rant at the beginning of the

663  
00:35:42,210 --> 00:35:35,500

show but every program every night I do

664

00:35:43,820 --> 00:35:42,220

a fader fact right and in that I try to

665

00:35:45,660 --> 00:35:43,830

bring something that is nearly

666

00:35:48,839 --> 00:35:45,670

unbelievable but vet

667

00:35:55,170 --> 00:35:48,849

and tonight's fader fact for you was

668

00:36:00,779 --> 00:35:55,180

this one in three children today can use

669

00:36:04,710 --> 00:36:00,789

a tablet before they learn to speak now

670

00:36:06,690 --> 00:36:04,720

if that isn't an indication of thing I'm

671

00:36:08,099 --> 00:36:06,700

speechless about that days is that

672

00:36:14,160 --> 00:36:08,109

unbelievable

673

00:36:15,079 --> 00:36:14,170

that's when in in a weird way it doesn't

674

00:36:18,180 --> 00:36:15,089

surprise me

675

00:36:21,599 --> 00:36:18,190

it is a frightening of a fact as I can

676

00:36:24,960 --> 00:36:21,609

present but it doesn't surprise me I'm

677

00:36:26,579 --> 00:36:24,970

sure that you're you're thinking things

678

00:36:28,109 --> 00:36:26,589

right now what what goes through your

679

00:36:30,509 --> 00:36:28,119

head when you hear something like that

680

00:36:32,759 --> 00:36:30,519

I'm just wondering if they can learn how

681

00:36:34,680 --> 00:36:32,769

to order on Amazon Prime before they can

682

00:36:42,539 --> 00:36:34,690

speak run up their parents credit card

683

00:36:45,539 --> 00:36:42,549

tab I did a story it was about I don't

684

00:36:48,089 --> 00:36:45,549

know maybe six months a year ago it's

685

00:36:50,849 --> 00:36:48,099

this mom it's just getting this crazy

686

00:36:54,150 --> 00:36:50,859

stuff delivered to her house right it

687

00:36:57,960 --> 00:36:54,160

was like weird stuff then it turned out

688

00:37:01,980 --> 00:36:57,970

her four-year-old son was ordering off

689

00:37:04,890 --> 00:37:01,990

of Amazon and got her credit card right

690

00:37:07,319 --> 00:37:04,900

and and was just the stuff that he was

691

00:37:11,670 --> 00:37:07,329

seeing I'm teeth just as you know these

692

00:37:14,099 --> 00:37:11,680

weird packages and and there you go yeah

693

00:37:16,799 --> 00:37:14,109

yeah I wouldn't doubt it I wonder if he

694

00:37:18,319 --> 00:37:16,809

could speak that's too funny well of

695

00:37:22,230 --> 00:37:18,329

course the first thing that I think of

696

00:37:24,150 --> 00:37:22,240

obviously is I wonder if people have

697

00:37:27,210 --> 00:37:24,160

done scientific studies on what that

698

00:37:28,829 --> 00:37:27,220

does to brain development I I don't

699

00:37:31,319 --> 00:37:28,839

think you know somebody who grows up

700

00:37:33,569 --> 00:37:31,329

living in the virtual world and

701

00:37:35,700 --> 00:37:33,579

interacting with tablets is not gonna

702

00:37:37,980 --> 00:37:35,710

develop the same way as somebody who

703

00:37:40,499 --> 00:37:37,990

grows up reading books or even just

704

00:37:41,940 --> 00:37:40,509

watching TV anything so I'm curious if

705

00:37:43,799 --> 00:37:41,950

there's any scientific literature on

706

00:37:46,470 --> 00:37:43,809

that that would be my first question and

707

00:37:48,630 --> 00:37:46,480

and talking about Google and their AI

708

00:37:51,059 --> 00:37:48,640

which we're gonna discuss later on in

709

00:37:54,809 --> 00:37:51,069

the program but back to children and

710

00:37:57,430 --> 00:37:54,819

tablets one of the big big moneymakers

711

00:38:01,420 --> 00:37:57,440

for YouTube

712

00:38:03,609 --> 00:38:01,430

is YouTube for kids right and where

713

00:38:06,579 --> 00:38:03,619

these parents are giving their kids a

714

00:38:10,569 --> 00:38:06,589

tablet putting that sucker on autoplay

715

00:38:12,550 --> 00:38:10,579

and letting it rip and these kids are

716

00:38:15,040 --> 00:38:12,560

just and they don't know the parents are

717

00:38:19,530 --> 00:38:15,050

in the other room or whatever doing

718

00:38:22,960 --> 00:38:19,540

their thing and whatever automated AI

719

00:38:25,089 --> 00:38:22,970

choices are coming up and you know what

720

00:38:27,040 --> 00:38:25,099

I'm talking about right Google yeah yeah

721

00:38:28,809 --> 00:38:27,050

of course the algorithm right of course

722

00:38:30,579 --> 00:38:28,819

I'm sure it's gonna be crazy stuff but

723

00:38:32,740 --> 00:38:30,589

then at the same time you have to I

724

00:38:35,410 --> 00:38:32,750

don't know I think about back to the 80s

725

00:38:37,120 --> 00:38:35,420

when you know when when kids were

726

00:38:39,190 --> 00:38:37,130

growing up before the eighties watching

727

00:38:41,290 --> 00:38:39,200

cartoons they were just at the mercy of

728

00:38:43,359 --> 00:38:41,300

the network so I don't know if it was

729

00:38:45,760 --> 00:38:43,369

that too much different and of course

730

00:38:47,800 --> 00:38:45,770

these things can seem sinister there are

731

00:38:49,780 --> 00:38:47,810

aspects of them which are phenomenally

732

00:38:51,430 --> 00:38:49,790

sinister but that's always been the case

733

00:38:54,250 --> 00:38:51,440

for new technologies and new

734

00:38:57,450 --> 00:38:54,260

technologies have always been resisted

735

00:39:00,670 --> 00:38:57,460

so for me as a futurist I feel that it's

736

00:39:03,010 --> 00:39:00,680

kind of part of my job to look at the

737

00:39:05,319 --> 00:39:03,020

dark side of Technology particularly now

738

00:39:07,300 --> 00:39:05,329

as we just walk openly and to the

739

00:39:08,770 --> 00:39:07,310

technological age and I think that

740

00:39:11,890 --> 00:39:08,780

people are more aware of that now

741

00:39:13,930 --> 00:39:11,900

particularly with the extent of the

742

00:39:15,790 --> 00:39:13,940

manipulation of facebook in the 2016

743

00:39:18,579 --> 00:39:15,800

election and that and that type of thing

744

00:39:20,309 --> 00:39:18,589

but I've also not a pessimist about

745

00:39:22,540 --> 00:39:20,319

technology I think the technology

746

00:39:24,339 --> 00:39:22,550

especially a lot of the new technologies

747

00:39:27,400 --> 00:39:24,349

coming down the pipeline or gonna be the

748

00:39:29,230 --> 00:39:27,410

best chance to solve our problems as a

749

00:39:32,109 --> 00:39:29,240

species I think that it's far more

750

00:39:34,930 --> 00:39:32,119

likely that we're gonna get fixes for

751  
00:39:37,930 --> 00:39:34,940  
things like environmental degradation or

752  
00:39:40,180 --> 00:39:37,940  
space travel from frankly from the tech

753  
00:39:43,589 --> 00:39:40,190  
world and from private industry then

754  
00:39:45,700 --> 00:39:43,599  
we're gonna get them from government so

755  
00:39:48,099 --> 00:39:45,710  
hopefully we'll get them from both

756  
00:39:49,599 --> 00:39:48,109  
working in tandem but you know I'm an

757  
00:39:53,410 --> 00:39:49,609  
optimist and pessimist about these

758  
00:39:57,520 --> 00:39:53,420  
things well back in 1995 you know which

759  
00:40:00,339 --> 00:39:57,530  
is a pretty pivotal year because of not

760  
00:40:04,329 --> 00:40:00,349  
only how the internet you know we're

761  
00:40:08,020 --> 00:40:04,339  
where he went from you know laptops

762  
00:40:10,690 --> 00:40:08,030  
started to surface we had PCMCIA modems

763  
00:40:15,160 --> 00:40:10,700

right 14-4 modems and

764

00:40:19,089 --> 00:40:15,170

PCMCIA cards and an AOL floppy disk and

765

00:40:20,980 --> 00:40:19,099

a well CDs and and how that you know in

766

00:40:23,200 --> 00:40:20,990

nineteen right that was the arrow when

767

00:40:25,540 --> 00:40:23,210

it took fifty minutes to download one

768

00:40:28,329 --> 00:40:25,550

grainy scan of a Sports Illustrated

769

00:40:37,690 --> 00:40:31,420

you waited man and you waited you paid

770

00:40:40,329 --> 00:40:37,700

for it by the minute you waited but how

771

00:40:43,990 --> 00:40:40,339

innocent were we back then not only with

772

00:40:47,349 --> 00:40:44,000

us as individuals but corporations all

773

00:40:51,420 --> 00:40:47,359

the way from water treatment plants and

774

00:40:55,390 --> 00:40:51,430

electricity to food distribution and

775

00:40:57,819 --> 00:40:55,400

brick-and-mortar stores everything was

776

00:41:00,310 --> 00:40:57,829

different just 20 short years ago and

777

00:41:03,010 --> 00:41:00,320

the internet maybe where we go for

778

00:41:06,280 --> 00:41:03,020

entertainment and in our news today but

779

00:41:08,410 --> 00:41:06,290

it also runs the world in twenty short

780

00:41:12,250 --> 00:41:08,420

years everything has been integrated

781

00:41:13,329 --> 00:41:12,260

into the internet yeah absolutely and

782

00:41:14,859 --> 00:41:13,339

it's interesting you bring up you know

783

00:41:16,690 --> 00:41:14,869

twenty years ago we're certainly in the

784

00:41:19,030 --> 00:41:16,700

90s when the World Wide Web was first

785

00:41:21,069 --> 00:41:19,040

rolling out to the public

786

00:41:23,349 --> 00:41:21,079

there was the rhetoric that this is

787

00:41:25,510 --> 00:41:23,359

gonna create a global village this is

788

00:41:27,550 --> 00:41:25,520

gonna bring everyone together and that

789

00:41:29,559 --> 00:41:27,560

certainly happened but you know it's the

790

00:41:31,480 --> 00:41:29,569

village is like people running around

791

00:41:34,030 --> 00:41:31,490

throwing throwing Molotov cocktails

792

00:41:37,660 --> 00:41:34,040

houses burning down everyone's screaming

793

00:41:39,579 --> 00:41:37,670

you know random things in the street you

794

00:41:42,339 --> 00:41:39,589

know hate groups running around it's

795

00:41:44,170 --> 00:41:42,349

what we live in a connected world now

796

00:41:45,790 --> 00:41:44,180

but now we have to deal with the fact

797

00:41:48,130 --> 00:41:45,800

that we're all actually connected to

798

00:41:50,710 --> 00:41:48,140

each other and human beings are kind of

799

00:41:53,250 --> 00:41:50,720

terrifying so it's one of those be

800

00:41:56,380 --> 00:41:53,260

careful what you wish for things the

801  
00:42:01,089 --> 00:41:56,390  
that part of it which I'm fascinated

802  
00:42:05,380 --> 00:42:01,099  
with in that the innocence of AOL you

803  
00:42:08,500 --> 00:42:05,390  
know 1.0 1.1 1.2 in the activity of what

804  
00:42:11,170 --> 00:42:08,510  
was going on then versus today it's like

805  
00:42:14,530 --> 00:42:11,180  
something was activated in our DNA that

806  
00:42:20,410 --> 00:42:14,540  
was always there this fragmenting this

807  
00:42:23,150 --> 00:42:20,420  
of you know us versus them and the the

808  
00:42:25,910 --> 00:42:23,160  
fighting and the infighting and

809  
00:42:29,090 --> 00:42:25,920  
the verbage you know trolling is one

810  
00:42:32,390 --> 00:42:29,100  
thing but you could have two friends two

811  
00:42:34,460 --> 00:42:32,400  
friends go at it that may have never

812  
00:42:35,660 --> 00:42:34,470  
gone at it before and certainly not in

813  
00:42:37,700 --> 00:42:35,670

public or when they're over at

814

00:42:40,220 --> 00:42:37,710

somebody's house for dinner but the

815

00:42:42,170 --> 00:42:40,230

Internet has brought this out of

816

00:42:45,310 --> 00:42:42,180

everybody is it because like you just

817

00:42:47,510 --> 00:42:45,320

said right you know people are just bad

818

00:42:50,960 --> 00:42:47,520

do you know who's the big new Pierzynski

819

00:42:54,830 --> 00:42:50,970

is of course so just the boiler of

820

00:42:56,840 --> 00:42:54,840

course for listeners so Brzezinski was I

821

00:42:58,700 --> 00:42:56,850

believe the foreign policy adviser to

822

00:43:03,700 --> 00:42:58,710

Jimmy Carter and also was a mentor to

823

00:43:05,930 --> 00:43:03,710

Barack Obama and was a a geopolitical

824

00:43:09,650 --> 00:43:05,940

strategist also the father of Michael

825

00:43:11,570 --> 00:43:09,660

Pierzynski in the 60s he wrote I believe

826

00:43:15,020 --> 00:43:11,580

his doctoral dissertation which was

827

00:43:17,060 --> 00:43:15,030

called between two worlds and he talks

828

00:43:20,270 --> 00:43:17,070

about the effect that technology is

829

00:43:22,640 --> 00:43:20,280

going to have for the world he talks

830

00:43:26,210 --> 00:43:22,650

about that there's going to be a global

831

00:43:28,070 --> 00:43:26,220

brain and the technology will allow

832

00:43:29,750 --> 00:43:28,080

people to think as one species but

833

00:43:32,900 --> 00:43:29,760

there's also a famous line in there

834

00:43:35,390 --> 00:43:32,910

which I've used multiple times and in

835

00:43:37,070 --> 00:43:35,400

Thaksin and my writing where he says

836

00:43:39,890 --> 00:43:37,080

that you know the instantaneous in

837

00:43:42,590 --> 00:43:39,900

electronic intermeshing of humanity will

838

00:43:45,740 --> 00:43:42,600

lead to strain social fabric and total

839

00:43:48,260 --> 00:43:45,750

social breakdown and he wrote that I

840

00:43:51,440 --> 00:43:48,270

think in 1968 it's an incredibly

841

00:43:54,410 --> 00:43:51,450

prescient sentence the idea that

842

00:43:57,080 --> 00:43:54,420

technology brings us all a little bit

843

00:43:58,730 --> 00:43:57,090

too close together and I think you're

844

00:43:59,990 --> 00:43:58,740

right there is something and and I don't

845

00:44:02,060 --> 00:44:00,000

I don't know what it is but there is

846

00:44:04,460 --> 00:44:02,070

something inherently competitive about

847

00:44:06,620 --> 00:44:04,470

communications technology that was the

848

00:44:08,420 --> 00:44:06,630

case of the 90s even with Usenet with

849

00:44:09,980 --> 00:44:08,430

news groups there were these epic flame

850

00:44:12,650 --> 00:44:09,990

wars that's that was the first time that

851  
00:44:14,510 --> 00:44:12,660  
started and of course when Facebook and

852  
00:44:18,020 --> 00:44:14,520  
social media brought that to the the

853  
00:44:19,940 --> 00:44:18,030  
masses that was part of it but looked I

854  
00:44:22,490 --> 00:44:19,950  
mean I'm not sure we can blame

855  
00:44:24,980 --> 00:44:22,500  
technology because combat is part of in

856  
00:44:26,780 --> 00:44:24,990  
war and an aggression is part of the

857  
00:44:28,700 --> 00:44:26,790  
human experience you know it says dude

858  
00:44:30,260 --> 00:44:28,710  
there's been war on this planet every

859  
00:44:32,900 --> 00:44:30,270  
year since the beginning of the human

860  
00:44:35,020 --> 00:44:32,910  
species right so it's we're just seeing

861  
00:44:37,009 --> 00:44:35,030  
ourselves in it and I think that as

862  
00:44:39,349 --> 00:44:37,019  
particularly as

863  
00:44:41,029 --> 00:44:39,359

Zuckerberg continues as Zuckerberg and

864

00:44:43,399 --> 00:44:41,039

gates continue their efforts to give the

865

00:44:45,409 --> 00:44:43,409

entire planet connected what we're

866

00:44:48,919 --> 00:44:45,419

seeing as more and more and more people

867

00:44:51,469 --> 00:44:48,929

coming online people who are have been

868

00:44:54,289 --> 00:44:51,479

underrepresented people who haven't had

869

00:44:55,789 --> 00:44:54,299

to say in the 90s in the mid-90s when

870

00:44:57,109 --> 00:44:55,799

the internet first started the people

871

00:45:00,620 --> 00:44:57,119

who were just on the internet were

872

00:45:03,229 --> 00:45:00,630

California and hippies and you know acid

873

00:45:05,089 --> 00:45:03,239

heads and people who were fascinated

874

00:45:07,609 --> 00:45:05,099

with the Liberatore potential of the

875

00:45:10,459 --> 00:45:07,619

technology and you know I love that

876

00:45:12,799 --> 00:45:10,469

those are my people but they're they

877

00:45:14,389 --> 00:45:12,809

were also to be fair projecting their

878

00:45:16,039 --> 00:45:14,399

own wishful thinking about what they

879

00:45:18,709 --> 00:45:16,049

thought the Internet would be on to the

880

00:45:20,899 --> 00:45:18,719

Internet the reality has been that the

881

00:45:21,949 --> 00:45:20,909

Internet has allowed everything to come

882

00:45:25,339 --> 00:45:21,959

it you know it's just become another

883

00:45:26,479 --> 00:45:25,349

layer of the human experience and you

884

00:45:29,599 --> 00:45:26,489

know I think one of the things we saw in

885

00:45:33,199 --> 00:45:29,609

the Trump election is the ability of

886

00:45:35,839 --> 00:45:33,209

people who have been felt who have felt

887

00:45:38,919 --> 00:45:35,849

shut out of the media to use social

888

00:45:44,499 --> 00:45:38,929

media to manipulate the discourse

889

00:45:51,319 --> 00:45:47,719

blindsided the political establishment

890

00:45:53,269 --> 00:45:51,329

was by that so and I think that that's

891

00:45:54,759 --> 00:45:53,279

only going to accelerate because what

892

00:45:56,899 --> 00:45:54,769

we're gonna see happening now is

893

00:45:58,519 --> 00:45:56,909

everyone's gonna be on the Internet

894

00:46:01,069 --> 00:45:58,529

you know people in villages in the third

895

00:46:02,929 --> 00:46:01,079

world in Africa or India are gonna be on

896

00:46:04,699 --> 00:46:02,939

the internet with their with smartphones

897

00:46:07,099 --> 00:46:04,709

that they're gonna be charging off of

898

00:46:09,589 --> 00:46:07,109

you know solar-powered you know solar

899

00:46:12,409 --> 00:46:09,599

dishes and that type of thing mm-hmm and

900

00:46:13,639 --> 00:46:12,419

when that happens we have no conception

901  
00:46:15,289 --> 00:46:13,649  
of how that's going to change the

902  
00:46:16,609 --> 00:46:15,299  
Internet when the entire world is on

903  
00:46:20,449 --> 00:46:16,619  
Facebook and it's a couple billion

904  
00:46:22,879 --> 00:46:20,459  
already you know that that is going to

905  
00:46:27,289 --> 00:46:22,889  
you know reality is going to continue to

906  
00:46:30,589 --> 00:46:27,299  
fractal eyes and become and just break

907  
00:46:33,649 --> 00:46:30,599  
down in a sense but I also think you

908  
00:46:37,609 --> 00:46:33,659  
know in the 90s and in the 2000s the

909  
00:46:39,529 --> 00:46:37,619  
whole utopian idea was that humanity

910  
00:46:41,509 --> 00:46:39,539  
would be brought together and that's

911  
00:46:43,129 --> 00:46:41,519  
happening and so I have to keep that in

912  
00:46:45,139 --> 00:46:43,139  
mind and of course there's gonna be

913  
00:46:46,669 --> 00:46:45,149

chaos at rocky bits along the road

914

00:46:48,139 --> 00:46:46,679

because people are messy there's you

915

00:46:49,879 --> 00:46:48,149

know there's nothing inherently good or

916

00:46:50,840 --> 00:46:49,889

bad about people they're just chaotic

917

00:46:52,850 --> 00:46:50,850

and messy

918

00:46:55,010 --> 00:46:52,860

so this is what the whole world being

919

00:46:59,660 --> 00:46:55,020

brought together looks like and we're

920

00:47:01,130 --> 00:46:59,670

gonna have to continue to learn how to

921

00:47:02,270 --> 00:47:01,140

interact with each other and learn how

922

00:47:04,880 --> 00:47:02,280

to deal with each other and deal with

923

00:47:06,620 --> 00:47:04,890

people from radically different walks of

924

00:47:09,290 --> 00:47:06,630

life and the only thing that I'm

925

00:47:11,990 --> 00:47:09,300

concerned about in that regard is the

926  
00:47:13,430 --> 00:47:12,000  
algorithms themselves because the way

927  
00:47:16,610 --> 00:47:13,440  
that Facebook is constructed their

928  
00:47:19,760 --> 00:47:16,620  
algorithms in Google it's that it's it's

929  
00:47:21,500 --> 00:47:19,770  
to keep people in tunnels where they're

930  
00:47:23,500 --> 00:47:21,510  
only seeing the information that they

931  
00:47:25,760 --> 00:47:23,510  
want to see so in that sense that's the

932  
00:47:27,110 --> 00:47:25,770  
antithetical to the idea of bringing

933  
00:47:29,030 --> 00:47:27,120  
everyone together I understand why

934  
00:47:30,980 --> 00:47:29,040  
they've done it they have to do it for

935  
00:47:34,040 --> 00:47:30,990  
to maintain a good user experience and

936  
00:47:36,680 --> 00:47:34,050  
keep people on their site but yeah

937  
00:47:39,230 --> 00:47:36,690  
that's going there's a lot of there's a

938  
00:47:41,360 --> 00:47:39,240

lot in play here well are we still on

939

00:47:44,000 --> 00:47:41,370

the safe side when it comes to the

940

00:47:46,040 --> 00:47:44,010

internet and technology and information

941

00:47:52,220 --> 00:47:46,050

are we still on the safe side of entropy

942

00:47:55,940 --> 00:47:52,230

in that is the internet going to end in

943

00:47:59,900 --> 00:47:55,950

chaos and break apart and and explode

944

00:48:02,780 --> 00:47:59,910

into little bitty pieces of nothing like

945

00:48:07,160 --> 00:48:02,790

everything else I don't think so

946

00:48:08,570 --> 00:48:07,170

because what we're seeing now what we're

947

00:48:11,960 --> 00:48:08,580

seeing now particularly as machine

948

00:48:15,890 --> 00:48:11,970

learning becomes more advanced is and

949

00:48:17,930 --> 00:48:15,900

big data is these technologies are

950

00:48:20,300 --> 00:48:17,940

getting better and better at processing

951

00:48:23,390 --> 00:48:20,310

and sorting gigantic amounts of

952

00:48:24,950 --> 00:48:23,400

information and also as processor speed

953

00:48:28,550 --> 00:48:24,960

gets better with things like better and

954

00:48:32,260 --> 00:48:28,560

better graphics cards what we're gonna

955

00:48:36,080 --> 00:48:32,270

start seeing within the next 10 years is

956

00:48:37,970 --> 00:48:36,090

a eyes making sense and making structure

957

00:48:39,980 --> 00:48:37,980

out of the internet you know I think I

958

00:48:41,630 --> 00:48:39,990

think it's very clear that that's that's

959

00:48:44,090 --> 00:48:41,640

what's going to happen now of course

960

00:48:46,220 --> 00:48:44,100

those a eyes are very likely going to be

961

00:48:48,590 --> 00:48:46,230

in the control of all of the usual

962

00:48:50,000 --> 00:48:48,600

suspects the the big tech players but

963

00:48:53,210 --> 00:48:50,010

they're all there will very likely also

964

00:48:54,830 --> 00:48:53,220

be ones created by individuals or small

965

00:48:56,300 --> 00:48:54,840

groups or startups things like that

966

00:48:58,970 --> 00:48:56,310

there's gonna be thousands of a eyes

967

00:49:01,760 --> 00:48:58,980

running around the internet but what

968

00:49:03,740 --> 00:49:01,770

we're doing as a species is zooming out

969

00:49:04,740 --> 00:49:03,750

I think that's the best metaphor of it

970

00:49:07,359 --> 00:49:04,750

if you think about

971

00:49:10,780 --> 00:49:07,369

you know like a like but also like

972

00:49:13,839 --> 00:49:10,790

through a fly's eye a fly lens you know

973

00:49:16,390 --> 00:49:13,849

where a fly's eye has you know thousands

974

00:49:18,220 --> 00:49:16,400

of little hexagonal compartments but

975

00:49:20,260 --> 00:49:18,230

imagine that's your camera lens in your

976  
00:49:21,819 --> 00:49:20,270  
zooming out zooming out zooming out on

977  
00:49:24,400 --> 00:49:21,829  
that and you're learning how to process

978  
00:49:26,530 --> 00:49:24,410  
more and more and more information all

979  
00:49:29,530 --> 00:49:26,540  
the time and that's been happening

980  
00:49:31,180 --> 00:49:29,540  
insanely quickly since while the whole

981  
00:49:32,740 --> 00:49:31,190  
of human history but particularly since

982  
00:49:34,870 --> 00:49:32,750  
the dawn of the World Wide Web

983  
00:49:36,390 --> 00:49:34,880  
when you think about when the web first

984  
00:49:38,410 --> 00:49:36,400  
started you think about Lycos and

985  
00:49:39,940 --> 00:49:38,420  
Geocities and stuff like that now we

986  
00:49:43,289 --> 00:49:39,950  
have a eyes and big data and machine

987  
00:49:46,329 --> 00:49:43,299  
learning and VR and all of this and

988  
00:49:48,760 --> 00:49:46,339

humanity is getting better and better at

989

00:49:49,539 --> 00:49:48,770

processing more and more information and

990

00:49:51,190 --> 00:49:49,549

that's great

991

00:49:55,359 --> 00:49:51,200

one of the things that Timothy Leary

992

00:49:58,599 --> 00:49:55,369

said in the 80s is if you want to get

993

00:50:00,579 --> 00:49:58,609

more intelligent learn to consume more

994

00:50:03,400 --> 00:50:00,589

and more information as much as possible

995

00:50:05,770 --> 00:50:03,410

and from more and more a few points that

996

00:50:09,039 --> 00:50:05,780

you don't agree with that you normally

997

00:50:11,020 --> 00:50:09,049

wouldn't look into that's how human

998

00:50:12,640 --> 00:50:11,030

beings get smarter and it's also how how

999

00:50:14,470 --> 00:50:12,650

AI gets smarter it's how machine

1000

00:50:17,079 --> 00:50:14,480

learning gets smarter by processing more

1001  
00:50:19,809 --> 00:50:17,089  
information so I'm an optimist I think

1002  
00:50:21,730 --> 00:50:19,819  
that we're we're I mean even a basic

1003  
00:50:23,770 --> 00:50:21,740  
example is look at something like at a

1004  
00:50:25,839 --> 00:50:23,780  
very very basic level and this is now

1005  
00:50:27,700 --> 00:50:25,849  
very old technology but look at

1006  
00:50:29,109 --> 00:50:27,710  
something like read it you know read

1007  
00:50:31,420 --> 00:50:29,119  
it's been around for more than 10 years

1008  
00:50:33,940 --> 00:50:31,430  
but look at how the up voting system and

1009  
00:50:37,059 --> 00:50:33,950  
reddit has allowed people to better

1010  
00:50:40,420 --> 00:50:37,069  
process and sort good information from

1011  
00:50:43,450 --> 00:50:40,430  
bad you know if it's used correctly so

1012  
00:50:47,140 --> 00:50:43,460  
yeah the sort the sort happens for you

1013  
00:50:49,180 --> 00:50:47,150

and that and and you know and especially

1014

00:50:52,000 --> 00:50:49,190

the larger the number they're going to

1015

00:50:54,819 --> 00:50:52,010

be able to well discernment as part of

1016

00:50:56,950 --> 00:50:54,829

it but the bad information is not going

1017

00:51:00,940 --> 00:50:56,960

to you know filter through its it's

1018

00:51:03,849 --> 00:51:00,950

going to get down voted and and the the

1019

00:51:05,770 --> 00:51:03,859

real stuff will tend to to come through

1020

00:51:09,970 --> 00:51:05,780

I agree with you there but there's

1021

00:51:13,690 --> 00:51:09,980

another part of it for me that I think

1022

00:51:16,089 --> 00:51:13,700

is and it's more biological that is even

1023

00:51:17,780 --> 00:51:16,099

more frightening is that we're using our

1024

00:51:21,290 --> 00:51:17,790

brains less

1025

00:51:24,020 --> 00:51:21,300

okay we're depending on everything else

1026

00:51:26,600 --> 00:51:24,030

to do the thinking for us so the

1027

00:51:29,300 --> 00:51:26,610

exercise of the brain and the

1028

00:51:31,220 --> 00:51:29,310

development of the brain is starting to

1029

00:51:34,610 --> 00:51:31,230

go backwards and for the first time in

1030

00:51:37,790 --> 00:51:34,620

in history our brains are smaller today

1031

00:51:39,470 --> 00:51:37,800

than they used to be physically and that

1032

00:51:40,100 --> 00:51:39,480

just is that true yeah that's true

1033

00:51:43,930 --> 00:51:40,110

that's true

1034

00:51:47,030 --> 00:51:43,940

yeah I don't I don't I don't disinfo

1035

00:51:49,100 --> 00:51:47,040

well but but what was the what was the

1036

00:51:51,860 --> 00:51:49,110

source of that and is that a causation

1037

00:51:54,200 --> 00:51:51,870

and correlation or correlation yeah and

1038

00:51:56,900 --> 00:51:54,210

and and so in the white paper and I'll

1039

00:51:57,950 --> 00:51:56,910

send it to you okay so you can check it

1040

00:52:01,400 --> 00:51:57,960

out

1041

00:52:03,770 --> 00:52:01,410

it what it stated is this we exercised

1042

00:52:05,960 --> 00:52:03,780

we exercised our right we remembered

1043

00:52:08,750 --> 00:52:05,970

numbers remembered faces remembered

1044

00:52:11,240 --> 00:52:08,760

facts we remember conversations we we

1045

00:52:14,090 --> 00:52:11,250

didn't have the ability to have

1046

00:52:18,260 --> 00:52:14,100

everything else think for us today if

1047

00:52:19,910 --> 00:52:18,270

you want to find a location for

1048

00:52:21,890 --> 00:52:19,920

something you look it up you don't even

1049

00:52:25,490 --> 00:52:21,900

learn the directions the directions are

1050

00:52:28,880 --> 00:52:25,500

given to you right or whatever it is you

1051  
00:52:31,610 --> 00:52:28,890  
go and and find the information you

1052  
00:52:34,280 --> 00:52:31,620  
don't actually go and get it and store

1053  
00:52:37,250 --> 00:52:34,290  
it and remember it it's all given to you

1054  
00:52:39,980 --> 00:52:37,260  
and it's that way across the board it's

1055  
00:52:42,440 --> 00:52:39,990  
that way in school today everything is

1056  
00:52:45,950 --> 00:52:42,450  
taught everything is taught on a laptop

1057  
00:52:48,500 --> 00:52:45,960  
or a tablet today I mean it's every

1058  
00:52:52,040 --> 00:52:48,510  
student nobody today they don't even

1059  
00:52:54,530 --> 00:52:52,050  
teach writing in school you know that's

1060  
00:52:58,810 --> 00:52:54,540  
that's oh and when my daughter's went

1061  
00:53:02,120 --> 00:52:58,820  
through that they can barely write today

1062  
00:53:03,770 --> 00:53:02,130  
well you know and and so think about

1063  
00:53:06,800 --> 00:53:03,780

that so the development of the brain

1064

00:53:10,040 --> 00:53:06,810

doesn't have to develop all right and

1065

00:53:12,050 --> 00:53:10,050

that's the other scary part here where

1066

00:53:14,450 --> 00:53:12,060

are we going to be are we gonna plug

1067

00:53:18,200 --> 00:53:14,460

into our brains in a hundred years right

1068

00:53:20,000 --> 00:53:18,210

right I mean this touches on a broader

1069

00:53:22,340 --> 00:53:20,010

issue also which is the idea of

1070

00:53:23,800 --> 00:53:22,350

automation which is particularly within

1071

00:53:26,530 --> 00:53:23,810

the next ten years

1072

00:53:31,280 --> 00:53:26,540

most of what human beings have been

1073

00:53:33,230 --> 00:53:31,290

necessary has been necessary to fulfill

1074

00:53:35,600 --> 00:53:33,240

we'll be fulfilled by machines whether

1075

00:53:38,720 --> 00:53:35,610

that's physical machines or algorithms

1076

00:53:42,260 --> 00:53:38,730

or a eyes I mean we're looking at at

1077

00:53:45,650 --> 00:53:42,270

least 50% potentially as high as 80 or

1078

00:53:47,900 --> 00:53:45,660

90% structural unemployment once AI

1079

00:53:49,670 --> 00:53:47,910

really starts rolling out

1080

00:53:51,740 --> 00:53:49,680

I mean we're quickly getting into a

1081

00:53:54,520 --> 00:53:51,750

future where humans just aren't gonna be

1082

00:53:56,840 --> 00:53:54,530

necessary or at least that's the view of

1083

00:53:59,180 --> 00:53:56,850

certainly the view of you know the

1084

00:54:02,060 --> 00:53:59,190

people in power perhaps what do I do

1085

00:54:03,950 --> 00:54:02,070

with all the spare time what did we do

1086

00:54:07,190 --> 00:54:03,960

with that did we just go to school

1087

00:54:09,620 --> 00:54:07,200

vacation or do we differ crochet yeah

1088

00:54:12,290 --> 00:54:09,630

okay well my I mean here's my honest

1089

00:54:14,630 --> 00:54:12,300

answer a lot of this is really the key

1090

00:54:17,780 --> 00:54:14,640

right because let's say okay best-case

1091

00:54:19,340 --> 00:54:17,790

scenario for this is that here's the

1092

00:54:20,720 --> 00:54:19,350

best-case scenario and it's certainly

1093

00:54:24,260 --> 00:54:20,730

not the only way this could you know

1094

00:54:26,510 --> 00:54:24,270

best-case scenario is AI and automation

1095

00:54:29,360 --> 00:54:26,520

yes causes this amount of structural

1096

00:54:33,650 --> 00:54:29,370

unemployment but we also get universal

1097

00:54:35,240 --> 00:54:33,660

basic income and at that point then well

1098

00:54:37,490 --> 00:54:35,250

I mean let's look at this I mean this is

1099

00:54:39,470 --> 00:54:37,500

what people have wanted for hundreds of

1100

00:54:40,940 --> 00:54:39,480

years nobody likes going to their job

1101  
00:54:42,920 --> 00:54:40,950  
you know for the most part people don't

1102  
00:54:47,030 --> 00:54:42,930  
like working nobody likes working in

1103  
00:54:49,190 --> 00:54:47,040  
fields and things like that so and this

1104  
00:54:51,020 --> 00:54:49,200  
has been the promise of Technology since

1105  
00:54:53,180 --> 00:54:51,030  
you know certainly since the industrial

1106  
00:54:55,190 --> 00:54:53,190  
era since the invention of the washing

1107  
00:54:57,520 --> 00:54:55,200  
machine this type of thing so best-case

1108  
00:55:00,830 --> 00:54:57,530  
scenario you know in a perfect world

1109  
00:55:03,830 --> 00:55:00,840  
would be that you know human beings get

1110  
00:55:08,240 --> 00:55:03,840  
to dedicate their time to artistic

1111  
00:55:10,880 --> 00:55:08,250  
pursuits spirituality meditation all the

1112  
00:55:12,500 --> 00:55:10,890  
finer parts of being alive socializing

1113  
00:55:14,690 --> 00:55:12,510

interacting with their families and

1114

00:55:17,780 --> 00:55:14,700

their extended families forming social

1115

00:55:20,720 --> 00:55:17,790

groups enjoying life I mean that would

1116

00:55:23,570 --> 00:55:20,730

be great that said that's such a

1117

00:55:26,450 --> 00:55:23,580

gigantic shock for Humanity to go into

1118

00:55:29,320 --> 00:55:26,460

suddenly not having a role and we know

1119

00:55:32,660 --> 00:55:29,330

that when people feel like they're not

1120

00:55:34,310 --> 00:55:32,670

important and that we know that when

1121

00:55:36,500 --> 00:55:34,320

people when meeting is taken away from

1122

00:55:38,450 --> 00:55:36,510

people their life no longer means

1123

00:55:40,010 --> 00:55:38,460

anything that that's kind of the worst

1124

00:55:41,780 --> 00:55:40,020

thing you can do to somebody it's

1125

00:55:43,700 --> 00:55:41,790

certainly worse than physical pain

1126

00:55:44,980 --> 00:55:43,710

she looks certainly worse than suffering

1127

00:55:47,630 --> 00:55:44,990

human beings can

1128

00:55:49,970 --> 00:55:47,640

rationalize and cope with almost any

1129

00:55:52,130 --> 00:55:49,980

level of suffering as long as that it

1130

00:55:54,170 --> 00:55:52,140

means something to them and they can as

1131

00:55:56,359 --> 00:55:54,180

long as it's meaningful in the sense

1132

00:55:59,260 --> 00:55:56,369

that they can they have a story about

1133

00:56:01,609 --> 00:55:59,270

why it's happened and why it's necessary

1134

00:56:03,650 --> 00:56:01,619

human beings are very very good at

1135

00:56:05,390 --> 00:56:03,660

constructing meaning for themselves and

1136

00:56:07,370 --> 00:56:05,400

for other people but if you take that

1137

00:56:10,670 --> 00:56:07,380

away and then you say well you know

1138

00:56:12,800 --> 00:56:10,680

humans are just biomass essentially you

1139

00:56:16,520 --> 00:56:12,810

know my great fear is the 21st century

1140

00:56:18,589 --> 00:56:16,530

could be a century of rolling genocides

1141

00:56:22,130 --> 00:56:18,599

and if you're the worst beginning to see

1142

00:56:23,210 --> 00:56:22,140

the the start of it right now frankly

1143

00:56:24,890 --> 00:56:23,220

with some of the things that are

1144

00:56:28,640 --> 00:56:24,900

happening in America and happening at

1145

00:56:30,800 --> 00:56:28,650

the border and also in Europe well you

1146

00:56:32,150 --> 00:56:30,810

know there's a I've got to take a break

1147

00:56:34,160 --> 00:56:32,160

here but there's another thought that

1148

00:56:36,260 --> 00:56:34,170

comes to mind with all of that you know

1149

00:56:39,500 --> 00:56:36,270

so you get called into the boss's office

1150

00:56:42,740 --> 00:56:39,510

right okay you've been replaced by a

1151

00:56:45,470 --> 00:56:42,750

robot what the good news is you get to

1152

00:56:48,470 --> 00:56:45,480

keep your money we're gonna keep hanging

1153

00:56:51,430 --> 00:56:48,480

you but but you're free you can leave I

1154

00:56:54,589 --> 00:56:51,440

don't want to leave I like my job no

1155

00:56:57,050 --> 00:56:54,599

what am I gonna do go learn to paint I

1156

00:57:00,560 --> 00:56:57,060

don't want to learn the pain I like what

1157

00:57:02,210 --> 00:57:00,570

I do here what do you mean and you're

1158

00:57:05,690 --> 00:57:02,220

taking away just like you said

1159

00:57:09,829 --> 00:57:05,700

somebody's you know meaning you know

1160

00:57:12,890 --> 00:57:09,839

they enjoy and suddenly the other part

1161

00:57:16,339 --> 00:57:12,900

yeah okay spirituality meditation the

1162

00:57:18,770 --> 00:57:16,349

arts traveling seeing the world going

1163

00:57:21,770 --> 00:57:18,780

back to school learning you know that

1164

00:57:24,079 --> 00:57:21,780

that will only last for so long but the

1165

00:57:31,550 --> 00:57:24,089

other part is it gives you more time to

1166

00:57:33,680 --> 00:57:31,560

surf the net think about it it's pretty

1167

00:57:35,930 --> 00:57:33,690

bizarre now you brought up some numbers

1168

00:57:37,280 --> 00:57:35,940

and I want to go back to this because

1169

00:57:42,200 --> 00:57:37,290

we're gonna talk about this moment we

1170

00:57:45,820 --> 00:57:42,210

come back I did a report last month now

1171

00:57:50,540 --> 00:57:45,830

went and gathered all of the numbers for

1172

00:57:54,500 --> 00:57:50,550

Facebook Google and YouTube the big

1173

00:57:58,400 --> 00:57:54,510

three between the three of them they tap

1174

00:58:02,240 --> 00:57:58,410

into exactly half of the world's

1175

00:58:06,620 --> 00:58:02,250

halation half right half three and a

1176

00:58:10,339 --> 00:58:06,630

half billion people every single day I'm

1177

00:58:14,329 --> 00:58:10,349

this planet visit one of those three

1178

00:58:15,920 --> 00:58:14,339

sites now and then while they are on one

1179

00:58:18,829 --> 00:58:15,930

of the three and a half billion right

1180

00:58:21,740 --> 00:58:18,839

and and and then they go through a cycle

1181

00:58:23,990 --> 00:58:21,750

in that they're on Facebook they see a

1182

00:58:26,450 --> 00:58:24,000

video they click on that they go over to

1183

00:58:28,940 --> 00:58:26,460

YouTube it's already inside right of

1184

00:58:30,859 --> 00:58:28,950

Facebook they go over to YouTube they

1185

00:58:32,270 --> 00:58:30,869

watch a YouTube video they see something

1186

00:58:34,880 --> 00:58:32,280

inside of the video they go and they

1187

00:58:37,579 --> 00:58:34,890

search that on Google Google gives them

1188

00:58:39,589 --> 00:58:37,589

a video suggestion they go back to

1189

00:58:42,740 --> 00:58:39,599

YouTube and then go back to to Facebook

1190

00:58:47,529 --> 00:58:42,750

and wrap up the day it's it's the most

1191

00:58:50,900 --> 00:58:47,539

perfect ingenious cycle right this

1192

00:58:54,670 --> 00:58:50,910

money-making clicking machine and and

1193

00:58:58,819 --> 00:58:54,680

they have in a very short what and and

1194

00:59:01,849 --> 00:58:58,829

realistically speaking ten years in ten

1195

00:59:04,549 --> 00:59:01,859

years and and they've done this and if

1196

00:59:06,769 --> 00:59:04,559

you go back 10 years ago and you look at

1197

00:59:08,990 --> 00:59:06,779

the search engines that were around that

1198

00:59:11,990 --> 00:59:09,000

are now running at 1% of the Internet

1199

00:59:14,329 --> 00:59:12,000

today whereas you know Google is 80% and

1200

00:59:19,720 --> 00:59:14,339

then go back to things like Mozilla you

1201

00:59:23,480 --> 00:59:19,730

know being who uses Bing uses Bing

1202

00:59:25,220 --> 00:59:23,490

nobody it's a crazy numbers crunching

1203

00:59:28,849 --> 00:59:25,230

thing and they've got it down to the

1204

00:59:30,859 --> 00:59:28,859

piers of science right the other thing

1205

00:59:33,380 --> 00:59:30,869

also is that all that clicking is is

1206

00:59:36,170 --> 00:59:33,390

training is currently training the a

1207

00:59:39,260 --> 00:59:36,180

eyes of these big companies so it also

1208

00:59:40,670 --> 00:59:39,270

serves that function human beings anyone

1209

00:59:43,480 --> 00:59:40,680

interacting with the internet right now

1210

00:59:47,240 --> 00:59:43,490

whether it's Facebook Google your Amazon

1211

00:59:49,880 --> 00:59:47,250

device anything like that and you know

1212

00:59:52,519 --> 00:59:49,890

any time you're online your activity is

1213

00:59:54,230 --> 00:59:52,529

helping to train machine learning for

1214

00:59:56,510 --> 00:59:54,240

these companies you're training they're

1215

00:59:58,849 --> 00:59:56,520

a eyes you know so we'll talk about that

1216

01:00:00,950 --> 00:59:58,859

too yeah we'll talk about that when we

1217

01:00:02,000 --> 01:00:00,960

come back this is fade to black I'm your

1218

01:00:05,980 --> 01:00:02,010

host Jimmy Church our guest tonight

1219

01:00:08,000 --> 01:00:05,990

Jason Louvre and tonight we are talking

1220

01:00:10,220 --> 01:00:08,010

technology all of it we're gonna do a

1221

01:00:12,859 --> 01:00:10,230

our AI

1222

01:00:14,450 --> 01:00:12,869

how it controls you today and what is it

1223

01:00:15,920 --> 01:00:14,460

going to do for you in the future you're

1224

01:00:18,320 --> 01:00:15,930

gonna do all of that this is fade to

1225

01:00:20,060 --> 01:00:18,330

black I'm arrows Jimmy Church more

1226

01:00:20,920 --> 01:00:20,070

chasing after this short break stay with

1227

01:00:44,230 --> 01:00:20,930

us

1228

01:00:48,230 --> 01:00:46,310

this is fade to black

1229

01:00:51,890 --> 01:00:48,240

with Jimmy Church on the game changer

1230

01:00:56,360 --> 01:00:51,900

radio network and K GRA the global radio

1231

01:00:59,240 --> 01:00:56,370

Alliance this is K GRA digital

1232

01:01:02,660 --> 01:00:59,250

broadcasting station Salt Lake City Utah

1233

01:01:04,760 --> 01:01:02,670

Van Buren Arkansas does your basement or

1234

01:01:06,530 --> 01:01:04,770

crawlspace have a damp musty smell well

1235

01:01:08,690 --> 01:01:06,540

watch out that's a sign of too much

1236

01:01:10,520 --> 01:01:08,700

moisture and not enough ventilation and

1237

01:01:12,230 --> 01:01:10,530

that can mean increased mold growth and

1238

01:01:14,000 --> 01:01:12,240

their build-up of harmful toxins and

1239

01:01:16,340 --> 01:01:14,010

gases don't bother with a dehumidifier

1240

01:01:18,650 --> 01:01:16,350

it just circulates the same unhealthy

1241

01:01:20,750 --> 01:01:18,660

air now there's a better way to remove

1242

01:01:23,120 --> 01:01:20,760

these dangers and odors it's with the

1243

01:01:24,920 --> 01:01:23,130

computerized wave moisture control unit

1244

01:01:26,540 --> 01:01:24,930

that reduces moisture and expels

1245

01:01:28,550 --> 01:01:26,550

pollutants we replaced our old

1246

01:01:30,830 --> 01:01:28,560

dehumidifier with the wave unit and in

1247

01:01:33,230 --> 01:01:30,840

only three weeks our basement is dry and

1248

01:01:35,180 --> 01:01:33,240

the musty smell is gone wave units

1249

01:01:37,640 --> 01:01:35,190

require no maintenance no buckets of

1250

01:01:39,530 --> 01:01:37,650

water or filters and costs only pennies

1251

01:01:41,330 --> 01:01:39,540

a day to run breathe better live

1252

01:01:43,760 --> 01:01:41,340

healthier with an affordable no

1253

01:01:46,100 --> 01:01:43,770

maintenance wave unit call eight eight

1254

01:01:49,430 --> 01:01:46,110

eight seven one seven wait eight eight

1255

01:01:55,110 --> 01:01:49,440

eight seven one seven wabe or visit dry

1256

01:02:08,269 --> 01:01:57,980

we own solutions

1257

01:02:12,779 --> 01:02:10,890

hi this is Ray sobs here reppin the

1258

01:02:15,749 --> 01:02:12,789

planet and you're listening to my good

1259

01:02:18,329 --> 01:02:15,759

friend Jimmy Church fade to black

1260

01:02:22,890 --> 01:02:18,339

on the GameChanger network and the kgr a

1261

01:02:25,049 --> 01:02:22,900

digital broadcast station this is Toby

1262

01:02:45,569 --> 01:02:25,059

KeBell you're listening to Jimmy Church

1263

01:02:47,069 --> 01:02:45,579

radio.com revolution this is Micah Hanks

1264

01:02:48,779 --> 01:02:47,079

of the graylien report and you're

1265

01:02:50,400 --> 01:02:48,789

listening to Jimmy church on fade to

1266

01:02:52,470 --> 01:02:50,410

black across the globe on the

1267

01:02:55,450 --> 01:02:52,480

GameChanger radio network and the one

1268

01:03:08,570 --> 01:02:55,460

and only kgr a radio the planet

1269

01:03:17,690 --> 01:03:15,310

[Music]

1270

01:03:19,460 --> 01:03:17,700

welcome back fade to black cover goes to

1271

01:03:23,080 --> 01:03:19,470

me Church our guest tonight Jason Liu

1272

01:03:24,560 --> 01:03:23,090

and we are talking tech all of it

1273

01:03:27,110 --> 01:03:24,570

tomorrow night

1274

01:03:28,400 --> 01:03:27,120

Tracy Garbett gets into introduced to

1275

01:03:31,010 --> 01:03:28,410

the world you're not gonna want to miss

1276

01:03:33,470 --> 01:03:31,020

that show tomorrow night Thursday night

1277

01:03:36,950 --> 01:03:33,480

will be open lines all night long and

1278

01:03:39,380 --> 01:03:36,960

you know Jason one of these nights one

1279

01:03:41,510 --> 01:03:39,390

of these fader nights you're gonna come

1280

01:03:44,180 --> 01:03:41,520

in and man the phones with me I want you

1281

01:03:49,010 --> 01:03:44,190

to just just just hang out here and and

1282

01:03:51,350 --> 01:03:49,020

take phone calls I would love to have

1283

01:03:54,140 --> 01:03:51,360

you experience the interaction because

1284

01:03:57,110 --> 01:03:54,150

the questions will be just amazing I'm

1285

01:03:59,120 --> 01:03:57,120

doing my best tonight for the audience

1286

01:04:01,270 --> 01:03:59,130

to get these in correctly but I think

1287

01:04:05,300 --> 01:04:01,280

that would be a very dynamic evening

1288

01:04:09,140 --> 01:04:05,310

imitation is open so I want to talk to

1289

01:04:11,660 --> 01:04:09,150

you about AI because a couple of weeks

1290

01:04:13,340 --> 01:04:11,670

ago I'm gonna give you the short version

1291

01:04:15,710 --> 01:04:13,350

of the story a couple of weeks ago

1292

01:04:18,110 --> 01:04:15,720

something happened I then went public

1293

01:04:20,660 --> 01:04:18,120

with it I went straight over to coast to

1294

01:04:22,220 --> 01:04:20,670

coast am and and and and told the world

1295

01:04:23,720 --> 01:04:22,230

about what happened I did it here I'm

1296

01:04:25,640 --> 01:04:23,730

fade to black I wrote up an article

1297

01:04:29,300 --> 01:04:25,650

about it and and published that too as

1298

01:04:32,690 --> 01:04:29,310

well and the reactions that I got from

1299

01:04:34,610 --> 01:04:32,700

everybody was astounding and this is

1300

01:04:36,350 --> 01:04:34,620

what happened in other words the

1301

01:04:38,030 --> 01:04:36,360

reaction was yeah it happened to me

1302

01:04:41,420 --> 01:04:38,040

today it happened to me yesterday and

1303

01:04:45,250 --> 01:04:41,430

this is what happened let me start off

1304

01:04:49,280 --> 01:04:45,260

with Jason I am NOT a photography guy

1305

01:04:52,940 --> 01:04:49,290

okay I've got a camera on my iPhone

1306

01:04:55,460 --> 01:04:52,950

that's good enough okay I don't I don't

1307

01:04:57,470 --> 01:04:55,470

shop for cameras I'm not I'm not a

1308

01:04:59,480 --> 01:04:57,480

photography buff I don't have cameras

1309

01:05:01,940 --> 01:04:59,490

I've never clicked on anything on Amazon

1310

01:05:04,850 --> 01:05:01,950

I've never searched for it never done it

1311

01:05:06,290 --> 01:05:04,860

it's just not my gig I'm an audio guy

1312

01:05:08,660 --> 01:05:06,300

you and I talked about that earlier

1313

01:05:13,040 --> 01:05:08,670

right I'm an audio guy okay so that

1314

01:05:16,400 --> 01:05:13,050

being said a friend of mine buys some

1315

01:05:18,950 --> 01:05:16,410

very expensive camera gear video and

1316

01:05:21,860 --> 01:05:18,960

photography gear and some lenses and he

1317

01:05:25,870 --> 01:05:21,870

showed them to me a few weeks ago and

1318

01:05:28,960 --> 01:05:25,880

then I was talking to my a V guy

1319

01:05:34,300 --> 01:05:28,970

briefly on the phone on a Saturday

1320

01:05:37,080 --> 01:05:34,310

morning briefly told him about the gear

1321

01:05:40,480 --> 01:05:37,090

you know it was a \$10,000 body with a

1322

01:05:43,480 --> 01:05:40,490

\$10,000 lens and another \$20,000 lens

1323

01:05:46,710 --> 01:05:43,490

you know 4k thing and and and I had this

1324

01:05:50,350 --> 01:05:46,720

conversation the next day on Sunday

1325

01:05:52,810 --> 01:05:50,360

morning I get up and I'm checking the

1326  
01:05:58,690 --> 01:05:52,820  
news and you know how am I myself and

1327  
01:06:00,730 --> 01:05:58,700  
right there is an ad on the Internet

1328  
01:06:05,590 --> 01:06:00,740  
not on Facebook yet I didn't get there

1329  
01:06:07,300 --> 01:06:05,600  
for camera bodies and then and so that

1330  
01:06:10,720 --> 01:06:07,310  
kind of tripped me out I stopped and I

1331  
01:06:12,970 --> 01:06:10,730  
thought why would that be there and then

1332  
01:06:22,900 --> 01:06:12,980  
I jump to another website and there is

1333  
01:06:25,540 --> 01:06:22,910  
an ad for a camera lens a lens whoa hold

1334  
01:06:28,210 --> 01:06:25,550  
on a minute I've never served

1335  
01:06:31,240 --> 01:06:28,220  
I've never clicked I've never done

1336  
01:06:33,760 --> 01:06:31,250  
anything in that realm I only had that

1337  
01:06:37,630 --> 01:06:33,770  
brief three-minute conversation on the

1338  
01:06:40,000 --> 01:06:37,640

phone that's right yep and and last

1339

01:06:42,550 --> 01:06:40,010

month when Zuckerberg got up in front of

1340

01:06:44,620 --> 01:06:42,560

Congress in the Senate one of the

1341

01:06:47,020 --> 01:06:44,630

representatives said to him I'm sure

1342

01:06:50,350 --> 01:06:47,030

that you caught this but asked him he

1343

01:06:54,010 --> 01:06:50,360

said you know my staff wanted me to ask

1344

01:06:57,370 --> 01:06:54,020

you about their conversations getting

1345

01:07:00,450 --> 01:06:57,380

heard on their phones because what they

1346

01:07:02,830 --> 01:07:00,460

talk about in private is turning up in

1347

01:07:04,660 --> 01:07:02,840

advertising when they know that they

1348

01:07:06,790 --> 01:07:04,670

haven't clicked or done anything they've

1349

01:07:09,370 --> 01:07:06,800

only had these weird conversations and

1350

01:07:12,990 --> 01:07:09,380

this stuff pops up are you listening to

1351

01:07:18,730 --> 01:07:13,000

conversations and using that to tailor

1352

01:07:21,070 --> 01:07:18,740

advertising and Zuckerberg said no right

1353

01:07:23,260 --> 01:07:21,080

well that's clearly untrue I think that

1354

01:07:25,810 --> 01:07:23,270

so that's like so yeah the way that that

1355

01:07:28,270 --> 01:07:25,820

works by the way is if you want that if

1356

01:07:30,370 --> 01:07:28,280

you I'm fairly certain that if you want

1357

01:07:32,590 --> 01:07:30,380

that to stop happening delete facebook

1358

01:07:34,090 --> 01:07:32,600

Messenger from your phone I believe

1359

01:07:37,690 --> 01:07:34,100

that's the app that has voice

1360

01:07:39,650 --> 01:07:37,700

recognition and and it has all kinds of

1361

01:07:41,359 --> 01:07:39,660

scary stuff in the terms

1362

01:07:43,190 --> 01:07:41,369

people agree too and they download that

1363

01:07:45,680 --> 01:07:43,200

app but not the actual Facebook app or

1364

01:07:49,069 --> 01:07:45,690

the messenger app so but that's fair I

1365

01:07:50,990 --> 01:07:49,079

mean all they have to do is is it you

1366

01:07:52,760 --> 01:07:51,000

when you turn on facebook Messenger you

1367

01:07:54,500 --> 01:07:52,770

give it access to your microphone so

1368

01:07:57,140 --> 01:07:54,510

that you can call people through it they

1369

01:07:59,569 --> 01:07:57,150

can then turn on your microphone it's

1370

01:08:01,970 --> 01:07:59,579

very easy just to get a voice you know

1371

01:08:05,240 --> 01:08:01,980

voice recognition and then the voice

1372

01:08:07,849 --> 01:08:05,250

recognition voice just text can then be

1373

01:08:10,339 --> 01:08:07,859

looked at by you know some type of

1374

01:08:12,890 --> 01:08:10,349

machine learning thing or can can you

1375

01:08:14,870 --> 01:08:12,900

can trigger certain keywords and then

1376

01:08:17,209 --> 01:08:14,880

all that happens is your Facebook

1377

01:08:19,910 --> 01:08:17,219

account is now tagged as having an

1378

01:08:22,160 --> 01:08:19,920

interest in that subject anybody

1379

01:08:24,110 --> 01:08:22,170

including individual Facebook marketers

1380

01:08:25,729 --> 01:08:24,120

not just big companies anybody can get

1381

01:08:29,300 --> 01:08:25,739

into the backend of Facebook and that

1382

01:08:31,189 --> 01:08:29,310

target people with that interest and

1383

01:08:32,809 --> 01:08:31,199

they can also be retargeted around the

1384

01:08:36,140 --> 01:08:32,819

web because if you have somebody's

1385

01:08:39,320 --> 01:08:36,150

facebook ad or address or accounts you

1386

01:08:41,689 --> 01:08:39,330

very likely can have access to Google

1387

01:08:43,309 --> 01:08:41,699

their email address things like that and

1388

01:08:46,519 --> 01:08:43,319

then their email can be used to target

1389

01:08:49,130 --> 01:08:46,529

you know Google AdSense will target ads

1390

01:08:51,289 --> 01:08:49,140

to you wherever you go on the web

1391

01:08:54,229 --> 01:08:51,299

because all those ads are run by the

1392

01:08:58,640 --> 01:08:54,239

same system at Google is that about the

1393

01:09:00,680 --> 01:08:58,650

scariest part of this is that the amount

1394

01:09:03,470 --> 01:09:00,690

of data collection through voice

1395

01:09:06,650 --> 01:09:03,480

recognition like that has got to be

1396

01:09:13,130 --> 01:09:06,660

ginormous is it's a ridiculous amount of

1397

01:09:15,890 --> 01:09:13,140

science behind that to use spoken word

1398

01:09:20,300 --> 01:09:15,900

convert the subject matter into a

1399

01:09:23,539 --> 01:09:20,310

general interest in that oh this person

1400

01:09:25,820 --> 01:09:23,549

is going to buy one of these things

1401

01:09:27,890 --> 01:09:25,830

that's right that's right I mean when

1402

01:09:29,990 --> 01:09:27,900

you think about let's talk about the NSA

1403

01:09:32,240 --> 01:09:30,000

you know the NSA it does the same thing

1404

01:09:34,370 --> 01:09:32,250

collects voice data from everywhere all

1405

01:09:36,050 --> 01:09:34,380

over the world and just to store that

1406

01:09:37,700 --> 01:09:36,060

data they have data centers around the

1407

01:09:40,280 --> 01:09:37,710

world one of the most famous is in

1408

01:09:42,800 --> 01:09:40,290

believe the desert in Utah somewhere or

1409

01:09:44,990 --> 01:09:42,810

Nevada Salt Lake City Salt Lake City

1410

01:09:47,240 --> 01:09:45,000

okay it's that gigantic data center I

1411

01:09:49,669 --> 01:09:47,250

don't know where where data or Facebook

1412

01:09:52,070 --> 01:09:49,679

and the other ones keep their data but

1413

01:09:53,479 --> 01:09:52,080

you know ten years ago when people first

1414

01:09:55,250 --> 01:09:53,489

started becoming aware

1415

01:09:57,259 --> 01:09:55,260

of the level of surveillance that was

1416

01:09:59,779 --> 01:09:57,269

possible particularly would be when the

1417

01:10:02,000 --> 01:09:59,789

Snowden thing happened one of the things

1418

01:10:04,669 --> 01:10:02,010

that people were saying was well look

1419

01:10:06,020 --> 01:10:04,679

you know I'm not nobody's okay maybe

1420

01:10:07,819 --> 01:10:06,030

they're doing that but nobody cares

1421

01:10:09,770 --> 01:10:07,829

about me and who's gonna sort through

1422

01:10:11,959 --> 01:10:09,780

all that data anyways they would have to

1423

01:10:14,270 --> 01:10:11,969

pay one person they would like to have

1424

01:10:15,859 --> 01:10:14,280

to assign one human being to every human

1425

01:10:16,970 --> 01:10:15,869

being that's being that's on the

1426

01:10:19,580 --> 01:10:16,980

internet it's like he's just not

1427

01:10:21,680 --> 01:10:19,590

possible so the assumption was that it

1428

01:10:23,689 --> 01:10:21,690

was just gonna be unusable data but

1429

01:10:25,700 --> 01:10:23,699

that's no longer the case because with

1430

01:10:30,080 --> 01:10:25,710

graphics cards and machine learning it's

1431

01:10:32,209 --> 01:10:30,090

quite easy to just run an algorithm that

1432

01:10:35,410 --> 01:10:32,219

processes all of that data and then

1433

01:10:37,609 --> 01:10:35,420

comes back with information on

1434

01:10:39,799 --> 01:10:37,619

individuals it can do predictive

1435

01:10:42,379 --> 01:10:39,809

analysis that can do things like the

1436

01:10:44,209 --> 01:10:42,389

movie Minority Report I'm positive that

1437

01:10:45,919 --> 01:10:44,219

there are already machine learning

1438

01:10:47,509 --> 01:10:45,929

learning algorithms that can go through

1439

01:10:49,339 --> 01:10:47,519

all of the collected data on an

1440

01:10:52,189 --> 01:10:49,349

individual and then predict not only

1441

01:10:54,140 --> 01:10:52,199

their future buying patterns but what

1442

01:10:56,479 --> 01:10:54,150

they're how they're likely to vote how

1443

01:10:59,239 --> 01:10:56,489

they are likely to you know whether

1444

01:11:01,729 --> 01:10:59,249

they're potentially dangerous or not you

1445

01:11:04,430 --> 01:11:01,739

know Google is we're now working on a an

1446

01:11:06,439 --> 01:11:04,440

algorithm that will pretty effectively

1447

01:11:07,759 --> 01:11:06,449

predict when somebody's gonna die that

1448

01:11:09,950 --> 01:11:07,769

can be used for medical medical

1449

01:11:12,709 --> 01:11:09,960

insurance reasons things like that so

1450

01:11:14,509 --> 01:11:12,719

people don't understand people really

1451

01:11:17,000 --> 01:11:14,519

need to understand what's happening

1452

01:11:18,379 --> 01:11:17,010

right now which is that yes all okay the

1453

01:11:21,049 --> 01:11:18,389

thing that people are aware of is that

1454

01:11:22,370 --> 01:11:21,059

all this data has been collected well

1455

01:11:24,589 --> 01:11:22,380

the second thing they need to be aware

1456

01:11:26,899 --> 01:11:24,599

of is that it's going to be processed

1457

01:11:32,450 --> 01:11:26,909

and it can be processed not by human

1458

01:11:34,520 --> 01:11:32,460

beings but by algorithms and AIS as they

1459

01:11:35,720 --> 01:11:34,530

currently exist it's a bit of a misnomer

1460

01:11:38,089 --> 01:11:35,730

because they're not actually

1461

01:11:40,729 --> 01:11:38,099

intelligence is that what a eyes are

1462

01:11:42,770 --> 01:11:40,739

right now are essentially algorithms

1463

01:11:44,540 --> 01:11:42,780

that are possible to are capable of

1464

01:11:46,850 --> 01:11:44,550

processing gigantic amounts of

1465

01:11:48,500 --> 01:11:46,860

information and coming back with useful

1466

01:11:51,410 --> 01:11:48,510

data from it mm-hmm

1467

01:11:53,989 --> 01:11:51,420

and so machine learning algorithms can

1468

01:11:56,359 --> 01:11:53,999

quite it first of all can go through all

1469

01:11:59,390 --> 01:11:56,369

of that and pull out the information

1470

01:12:01,669 --> 01:11:59,400

that the people who own them want very

1471

01:12:03,350 --> 01:12:01,679

quickly and easily even if they're going

1472

01:12:05,509 --> 01:12:03,360

through petabytes at petabytes of

1473

01:12:07,700 --> 01:12:05,519

information you know relatively quickly

1474

01:12:10,220 --> 01:12:07,710

so the other thing is

1475

01:12:13,700 --> 01:12:10,230

that amount of data is needed in order

1476

01:12:15,470 --> 01:12:13,710

to train a is it's it's no mistake that

1477

01:12:18,709 --> 01:12:15,480

all this data has been collected because

1478

01:12:21,590 --> 01:12:18,719

that data is necessary to Train thinking

1479

01:12:26,000 --> 01:12:21,600

machines they need all of that to learn

1480

01:12:28,729 --> 01:12:26,010

from I had a very interesting email I

1481

01:12:31,490 --> 01:12:28,739

got so much of it out right I spoke

1482

01:12:34,670 --> 01:12:31,500

about this and one of them I'm gonna

1483

01:12:40,220 --> 01:12:34,680

paraphrase and and and shorten it up but

1484

01:12:43,670 --> 01:12:40,230

it was two women in a kitchen talking

1485

01:12:47,120 --> 01:12:43,680

about a distant relative who just had a

1486

01:12:51,590 --> 01:12:47,130

baby okay that's that's it nothing that

1487

01:12:54,290 --> 01:12:51,600

was a direct family member but they

1488

01:12:57,530 --> 01:12:54,300

talked about the baby and that it was a

1489

01:13:01,040 --> 01:12:57,540

girl and then that was it

1490

01:13:04,880 --> 01:13:01,050

but this lady said the next day now and

1491

01:13:07,610 --> 01:13:04,890

and she said very clearly this wasn't a

1492

01:13:09,200 --> 01:13:07,620

direct you know family member it wasn't

1493

01:13:11,060 --> 01:13:09,210

anything that was on the internet it

1494

01:13:13,250 --> 01:13:11,070

wasn't anything that was sent to us or

1495

01:13:16,040 --> 01:13:13,260

anything it was just a very brief

1496

01:13:20,479 --> 01:13:16,050

conversation in the kitchen the next day

1497

01:13:23,300 --> 01:13:20,489

I've got baby girl clothes advertising

1498

01:13:27,530 --> 01:13:23,310

all over right yeah yeah and she said it

1499

01:13:30,860 --> 01:13:27,540

had to have come from either our smart

1500

01:13:32,690 --> 01:13:30,870

television or our smart refrigerator

1501

01:13:35,240 --> 01:13:32,700

that's what they were linking well yeah

1502

01:13:37,700 --> 01:13:35,250

so those are well known to be mass

1503

01:13:40,880 --> 01:13:37,710

particularly Smart TVs are well known to

1504

01:13:43,370 --> 01:13:40,890

be security nightmares right I think

1505

01:13:45,770 --> 01:13:43,380

that the new Xbox also was revealed to

1506

01:13:48,200 --> 01:13:45,780

be to either the Xbox or the PlayStation

1507

01:13:51,380 --> 01:13:48,210

I believe it was the Xbox was revealed

1508

01:13:52,400 --> 01:13:51,390

to be recording 24/7 the mic never turns

1509

01:13:56,240 --> 01:13:52,410

off huh

1510

01:13:57,920 --> 01:13:56,250

so the the whole Internet of Things all

1511

01:14:00,229 --> 01:13:57,930

of that stuff is a security nightmare

1512

01:14:01,820 --> 01:14:00,239

both for data scraping and for for

1513

01:14:04,340 --> 01:14:01,830

hacking I mean there was a story just to

1514

01:14:05,900 --> 01:14:04,350

give you an example there was a story I

1515

01:14:08,860 --> 01:14:05,910

think a couple of months ago where a

1516

01:14:12,200 --> 01:14:08,870

casino in Vegas had their Network hacked

1517

01:14:14,479 --> 01:14:12,210

and some a tremendous amount of money

1518

01:14:15,950 --> 01:14:14,489

was extracted from it I may be getting

1519

01:14:17,959 --> 01:14:15,960

this ROM and this is how remembering the

1520

01:14:20,750 --> 01:14:17,969

story but this part I'm sure of the way

1521

01:14:21,500 --> 01:14:20,760

that it was done was there was a Wi-Fi

1522

01:14:24,230 --> 01:14:21,510

connected

1523

01:14:26,900 --> 01:14:24,240

thermometer in the aquarium the fish

1524

01:14:28,970 --> 01:14:26,910

aquarium in the lobby of the casino and

1525

01:14:31,190 --> 01:14:28,980

and the hackers just like came in with a

1526

01:14:33,110 --> 01:14:31,200

laptop got into you know that was not

1527

01:14:35,090 --> 01:14:33,120

password protected or was flimsily

1528

01:14:36,740 --> 01:14:35,100

password protected they hacked the

1529

01:14:39,050 --> 01:14:36,750

thermometer and from that were able to

1530

01:14:42,170 --> 01:14:39,060

get into the network of the entire

1531

01:14:43,970 --> 01:14:42,180

casino so people really I mean the

1532

01:14:45,770 --> 01:14:43,980

internet of things as John McAfee has

1533

01:14:47,870 --> 01:14:45,780

pointed out a few times it's just a you

1534

01:14:49,940 --> 01:14:47,880

know it's a disaster waiting to happen

1535

01:14:51,830 --> 01:14:49,950

but yes absolutely and they've shown

1536

01:14:53,690 --> 01:14:51,840

that they've absolutely shown that like

1537

01:14:56,870 --> 01:14:53,700

Samsung Smart TVs and things like that

1538

01:14:59,120 --> 01:14:56,880

have you know allegedly I don't want to

1539

01:15:02,300 --> 01:14:59,130

Samsung to get mad at me but you know

1540

01:15:04,100 --> 01:15:02,310

Smart TVs in general have you know are

1541

01:15:07,100 --> 01:15:04,110

listening they're look you know and it's

1542

01:15:08,840 --> 01:15:07,110

it's a you know we're voluntarily

1543

01:15:10,190 --> 01:15:08,850

walking into it you know and I have I

1544

01:15:13,520 --> 01:15:10,200

own smart devices and things like that

1545

01:15:17,300 --> 01:15:13,530

so I've got a black tape over everything

1546

01:15:19,850 --> 01:15:17,310

now man it's so funny over anything

1547

01:15:21,640 --> 01:15:19,860

that's got a camera any laptop that's

1548

01:15:25,270 --> 01:15:21,650

got a camera I've got tape on it

1549

01:15:30,890 --> 01:15:25,280

microphones covered you know I just it's

1550

01:15:34,600 --> 01:15:30,900

weird how I just don't know and and most

1551

01:15:36,110 --> 01:15:34,610

of it you're clicking on I accept right

1552

01:15:38,750 --> 01:15:36,120

right right right

1553

01:15:40,580 --> 01:15:38,760

and and I said I said at one point on

1554

01:15:44,360 --> 01:15:40,590

Twitter I think it's you know our

1555

01:15:47,390 --> 01:15:44,370

freedom is surrendered one one one

1556

01:15:49,580 --> 01:15:47,400

privacy policy accepted at a time you

1557

01:15:51,110 --> 01:15:49,590

know like we bit by bit we give our

1558

01:15:54,260 --> 01:15:51,120

freedom away to these terms and

1559

01:15:57,800 --> 01:15:54,270

conditions that we we we sign off on now

1560

01:16:01,430 --> 01:15:57,810

what do we where are we right now with

1561

01:16:05,090 --> 01:16:01,440

AI you know the big word certainly two

1562

01:16:08,570 --> 01:16:05,100

years ago was singularity and and we you

1563

01:16:11,120 --> 01:16:08,580

know these dates were thrown around you

1564

01:16:14,150 --> 01:16:11,130

know by Ray Kurzweil and Elon and and

1565

01:16:19,940 --> 01:16:14,160

others Kurzweil was saying it could be

1566

01:16:22,370 --> 01:16:19,950

as soon as 2018 but where are we with

1567

01:16:25,940 --> 01:16:22,380

that do we have something to really fear

1568

01:16:27,500 --> 01:16:25,950

here okay so well first of all my take

1569

01:16:29,150 --> 01:16:27,510

on this thing I think the singularity is

1570

01:16:31,400 --> 01:16:29,160

marketing hype it was something that was

1571

01:16:33,710 --> 01:16:31,410

come up with the sell books and get on

1572

01:16:35,500 --> 01:16:33,720

shows and that type of thing I don't

1573

01:16:37,089 --> 01:16:35,510

think that that's a real thing

1574

01:16:38,950 --> 01:16:37,099

whatever is actually gonna happen is

1575

01:16:42,459 --> 01:16:38,960

gonna be much more complicated in terms

1576

01:16:44,439 --> 01:16:42,469

of AI the thing about AI is that people

1577

01:16:46,180 --> 01:16:44,449

don't understand what it actually is and

1578

01:16:48,640 --> 01:16:46,190

then of course they're gonna be afraid

1579

01:16:50,770 --> 01:16:48,650

of it if you look at articles about AI

1580

01:16:52,720 --> 01:16:50,780

online you always see kind of like stock

1581

01:16:54,250 --> 01:16:52,730

foot or clip art from the Terminator

1582

01:16:56,740 --> 01:16:54,260

movies and all of the robots are gonna

1583

01:16:59,430 --> 01:16:56,750

come take our jobs and kill us and then

1584

01:17:02,260 --> 01:16:59,440

the assumption is that an AI will be

1585

01:17:03,939 --> 01:17:02,270

just that it will be some type of a

1586

01:17:05,919 --> 01:17:03,949

machine that is sentient and thinks like

1587

01:17:08,700 --> 01:17:05,929

a person and can act like a person

1588

01:17:13,089 --> 01:17:08,710

that's not what AI is certainly not yet

1589

01:17:16,359 --> 01:17:13,099

what AI actually is is math it's an AIS

1590

01:17:19,120 --> 01:17:16,369

are just they're equations they're like

1591

01:17:22,600 --> 01:17:19,130

algorithms that as I mentioned can

1592

01:17:24,970 --> 01:17:22,610

process tremendous amount of data at a

1593

01:17:29,709 --> 01:17:24,980

time and then come back with predictive

1594

01:17:32,740 --> 01:17:29,719

analysis from it so for instance so

1595

01:17:35,459 --> 01:17:32,750

recently Google was there was an article

1596

01:17:38,229 --> 01:17:35,469

at the intercept where where Google was

1597

01:17:40,839 --> 01:17:38,239

it came into under some heat for

1598

01:17:43,060 --> 01:17:40,849

creating they were they were I believe

1599

01:17:46,930 --> 01:17:43,070

getting defense contracts to work with

1600

01:17:48,819 --> 01:17:46,940

the military to do AI for drones and to

1601  
01:17:52,569 --> 01:17:48,829  
develop machine learning for drones so

1602  
01:17:54,609 --> 01:17:52,579  
that they could better target people by

1603  
01:17:57,189 --> 01:17:54,619  
face so that the way the way that works

1604  
01:18:00,339 --> 01:17:57,199  
is all that is is that's an you write an

1605  
01:18:02,290 --> 01:18:00,349  
algorithm and then the algorithm you

1606  
01:18:07,540 --> 01:18:02,300  
give that the the algorithm let's say

1607  
01:18:10,029 --> 01:18:07,550  
scans of 1 million faces and you tell it

1608  
01:18:11,859 --> 01:18:10,039  
to look for certain things and then if

1609  
01:18:13,479 --> 01:18:11,869  
it has and it needs that much data I

1610  
01:18:15,100 --> 01:18:13,489  
can't just be a small amount of data it

1611  
01:18:18,129 --> 01:18:15,110  
needs to be data on that level you know

1612  
01:18:20,680 --> 01:18:18,139  
millions of pieces of data the the

1613  
01:18:22,810 --> 01:18:20,690

algorithm then runs through what they

1614

01:18:25,510 --> 01:18:22,820

call a training it will train by looking

1615

01:18:30,069 --> 01:18:25,520

at all that all that data and then it'll

1616

01:18:32,290 --> 01:18:30,079

come back with you know it will then

1617

01:18:34,689 --> 01:18:32,300

after training then be able to recognize

1618

01:18:36,370 --> 01:18:34,699

what you tell it to look for with you

1619

01:18:39,189 --> 01:18:36,380

know in you know point nine nine percent

1620

01:18:40,870 --> 01:18:39,199

accuracy or something like that and this

1621

01:18:43,240 --> 01:18:40,880

isn't hard to do you know I've written

1622

01:18:44,979 --> 01:18:43,250

AI programs you know I've written in it

1623

01:18:47,919 --> 01:18:44,989

you know it's a very basic experiment

1624

01:18:48,390 --> 01:18:47,929

that anybody can do is you can write an

1625

01:18:51,360 --> 01:18:48,400

AI

1626

01:18:54,270 --> 01:18:51,370

algorithm that will analyze photos of

1627

01:18:56,430 --> 01:18:54,280

handwriting and then tell you what the

1628

01:18:58,580 --> 01:18:56,440

letters and numbers are you know so you

1629

01:19:01,919 --> 01:18:58,590

give it a data set of let's say a

1630

01:19:03,600 --> 01:19:01,929

million different sevens the number

1631

01:19:05,340 --> 01:19:03,610

seven written by a million different

1632

01:19:08,580 --> 01:19:05,350

people it's different versions of the

1633

01:19:10,169 --> 01:19:08,590

number seven it then trains on that data

1634

01:19:12,870 --> 01:19:10,179

and then it can tell you then you can

1635

01:19:15,209 --> 01:19:12,880

show it any seven handwritten in any way

1636

01:19:17,100 --> 01:19:15,219

by anybody and it will tell you it to a

1637

01:19:20,010 --> 01:19:17,110

certain you know very fraction of

1638

01:19:21,390 --> 01:19:20,020

accuracy whether it's a seven or not so

1639

01:19:23,310 --> 01:19:21,400

when we talk about doing these things

1640

01:19:24,689 --> 01:19:23,320

for military applications well then it's

1641

01:19:26,370 --> 01:19:24,699

you know they want to be you know

1642

01:19:28,320 --> 01:19:26,380

recognizing I don't know targets

1643

01:19:29,010 --> 01:19:28,330

interests in search insurgents things

1644

01:19:30,780 --> 01:19:29,020

like that

1645

01:19:32,340 --> 01:19:30,790

that's certainly shocking although

1646

01:19:35,010 --> 01:19:32,350

frankly I thought about that for a

1647

01:19:36,840 --> 01:19:35,020

second and I thought well the real issue

1648

01:19:38,850 --> 01:19:36,850

is not the technology the issue is the

1649

01:19:40,919 --> 01:19:38,860

military program and one of one of the

1650

01:19:43,500 --> 01:19:40,929

problems with drone warfare is that it's

1651  
01:19:45,240 --> 01:19:43,510  
been notoriously inaccurate there's been

1652  
01:19:47,160 --> 01:19:45,250  
so much collateral damage and the

1653  
01:19:48,300 --> 01:19:47,170  
children killed and civilians and things

1654  
01:19:49,649 --> 01:19:48,310  
like that so it's like I thought about

1655  
01:19:51,120 --> 01:19:49,659  
that for the first I was shocked but

1656  
01:19:53,459 --> 01:19:51,130  
then I was like wait I kind of want them

1657  
01:19:59,040 --> 01:19:53,469  
to shoot accurately that's that's the

1658  
01:20:01,620 --> 01:19:59,050  
best way to do it so so that's what AI

1659  
01:20:03,479 --> 01:20:01,630  
actually is it's just an algorithm they

1660  
01:20:06,330 --> 01:20:03,489  
can process a tremendous amount of data

1661  
01:20:08,160 --> 01:20:06,340  
and then make decisions based off of it

1662  
01:20:10,080 --> 01:20:08,170  
it's not intelligent it's not sentient

1663  
01:20:12,300 --> 01:20:10,090

there's nothing resembling a human being

1664

01:20:15,360 --> 01:20:12,310

there now there is something called

1665

01:20:17,340 --> 01:20:15,370

strong AI which is the AI from

1666

01:20:20,130 --> 01:20:17,350

science-fiction the idea that there will

1667

01:20:22,110 --> 01:20:20,140

be a machine that can think and reason

1668

01:20:24,390 --> 01:20:22,120

like a human being and will be to all

1669

01:20:27,830 --> 01:20:24,400

intents and purposes a new life form as

1670

01:20:30,630 --> 01:20:27,840

of yet that's still totally speculative

1671

01:20:32,729 --> 01:20:30,640

that they don't have a sense of how it

1672

01:20:34,110 --> 01:20:32,739

can actually be done some people that

1673

01:20:37,290 --> 01:20:34,120

predicted that it could happen in the

1674

01:20:39,990 --> 01:20:37,300

2030s there's been a lot of fear about

1675

01:20:41,790 --> 01:20:40,000

it but the reality is that it just

1676  
01:20:45,240 --> 01:20:41,800  
hasn't happened yet and we don't know

1677  
01:20:46,800 --> 01:20:45,250  
how to do it although if it does happen

1678  
01:20:48,390 --> 01:20:46,810  
it could happen overnight and we

1679  
01:20:50,220 --> 01:20:48,400  
wouldn't even necessarily know they did

1680  
01:20:52,649 --> 01:20:50,230  
it happened yeah that's the scary part

1681  
01:20:54,240 --> 01:20:52,659  
right there you know it's one of the

1682  
01:20:55,740 --> 01:20:54,250  
many scary parts the best book to read

1683  
01:20:57,990 --> 01:20:55,750  
about this by the way is called super

1684  
01:20:59,520 --> 01:20:58,000  
intelligence by Nick Bostrom if you

1685  
01:21:01,090 --> 01:20:59,530  
really want to terrify yourself and

1686  
01:21:03,010 --> 01:21:01,100  
never sleep again right

1687  
01:21:06,130 --> 01:21:03,020  
but frankly in terms of fear I think

1688  
01:21:10,630 --> 01:21:06,140

that in the in the real world right now

1689

01:21:12,670 --> 01:21:10,640

where we are it's it's not helpful to

1690

01:21:15,850 --> 01:21:12,680

think about AI in science fiction terms

1691

01:21:17,470 --> 01:21:15,860

like Terminator or or even you know some

1692

01:21:19,060 --> 01:21:17,480

of the more positive AI movies cuz

1693

01:21:21,160 --> 01:21:19,070

that's just not realistic snot what AI

1694

01:21:25,900 --> 01:21:21,170

actually is AI is just a learning

1695

01:21:27,250 --> 01:21:25,910

algorithm and you know even to call it

1696

01:21:29,710 --> 01:21:27,260

intelligence is a bit of a misnomer

1697

01:21:32,470 --> 01:21:29,720

because it misnomer because what it

1698

01:21:34,240 --> 01:21:32,480

actually is is just the next level of

1699

01:21:36,220 --> 01:21:34,250

computing power it's it's it's it's

1700

01:21:37,900 --> 01:21:36,230

computers that can now use algorithms to

1701  
01:21:41,140 --> 01:21:37,910  
read way more data than they used to be

1702  
01:21:43,240 --> 01:21:41,150  
able to and make in you know draw

1703  
01:21:47,860 --> 01:21:43,250  
actionable information from that data

1704  
01:21:50,560 --> 01:21:47,870  
that's really all it is and and and that

1705  
01:21:54,490 --> 01:21:50,570  
itself poses enough ethical dilemmas

1706  
01:21:59,350 --> 01:21:54,500  
such as bias and algorithms for instance

1707  
01:22:01,540 --> 01:21:59,360  
if algorithms you know if you know

1708  
01:22:03,820 --> 01:22:01,550  
algorithms start to display biases and

1709  
01:22:06,430 --> 01:22:03,830  
things like that and then we run into

1710  
01:22:08,200 --> 01:22:06,440  
trouble but and then the next ethic you

1711  
01:22:10,750 --> 01:22:08,210  
know the real pressing the really

1712  
01:22:13,000 --> 01:22:10,760  
pressing ethical issue is the job loss

1713  
01:22:15,130 --> 01:22:13,010

to automation you know within the next

1714

01:22:17,470 --> 01:22:15,140

few years the first thing that's going

1715

01:22:20,650 --> 01:22:17,480

to be lost to automation is self is

1716

01:22:23,890 --> 01:22:20,660

truck drivers that all of that will be

1717

01:22:26,380 --> 01:22:23,900

all of it and I'm sorry but 100 percent

1718

01:22:28,480 --> 01:22:26,390

of it will be replaced with automated

1719

01:22:30,670 --> 01:22:28,490

intelligent trucks that are self-driving

1720

01:22:32,530 --> 01:22:30,680

all of that runs off machine learning

1721

01:22:35,380 --> 01:22:32,540

technology because machine learning can

1722

01:22:37,570 --> 01:22:35,390

be used to recognize stoplights and you

1723

01:22:39,490 --> 01:22:37,580

know when what you know how to drive how

1724

01:22:41,800 --> 01:22:39,500

to go on maps how to avoid accidents

1725

01:22:44,800 --> 01:22:41,810

things like that all the entire all

1726

01:22:47,320 --> 01:22:44,810

trucking is gonna be automated and truck

1727

01:22:50,440 --> 01:22:47,330

driver is the number one job

1728

01:22:52,480 --> 01:22:50,450

particularly for men in America it's the

1729

01:22:53,800 --> 01:22:52,490

number one job all that's gonna be gone

1730

01:22:57,010 --> 01:22:53,810

and that's happening all right you know

1731

01:22:58,480 --> 01:22:57,020

it's gonna happen overnight and but but

1732

01:23:01,780 --> 01:22:58,490

people think well I'm not a truck driver

1733

01:23:04,090 --> 01:23:01,790

I'm safe okay well at first it's gonna

1734

01:23:05,890 --> 01:23:04,100

be manual labor you know we already look

1735

01:23:07,420 --> 01:23:05,900

at Amazon's warehouse for instance so

1736

01:23:11,590 --> 01:23:07,430

much of the work at Amazon's warehouse

1737

01:23:14,440 --> 01:23:11,600

is done by robots and also by underpaid

1738

01:23:16,720 --> 01:23:14,450

human beings and overworked but

1739

01:23:19,600 --> 01:23:16,730

blue-collar excuse me white-collar jobs

1740

01:23:23,260 --> 01:23:19,610

are not safe from this lawyers in

1741

01:23:27,940 --> 01:23:23,270

particular law is going to be mediated

1742

01:23:31,330 --> 01:23:27,950

by algorithms learning algorithms a lot

1743

01:23:36,240 --> 01:23:31,340

of Medicine even journalism a lot of

1744

01:23:40,900 --> 01:23:36,250

journalism is going to be done by by

1745

01:23:43,479 --> 01:23:40,910

smart algorithms and what about talk

1746

01:23:45,970 --> 01:23:43,489

show hosts well did you see this thing

1747

01:23:47,320 --> 01:23:45,980

that Google has just released this I

1748

01:23:49,240 --> 01:23:47,330

forget what it's called but this thing

1749

01:23:52,150 --> 01:23:49,250

that can do phone calls and make calls

1750

01:23:54,400 --> 01:23:52,160

for you and it sounds 100% like a human

1751  
01:24:00,550 --> 01:23:54,410  
being you can't tell that it's cannot

1752  
01:24:02,620 --> 01:24:00,560  
not a human so I mean you know and it's

1753  
01:24:05,350 --> 01:24:02,630  
crazy when you think about it and then

1754  
01:24:07,810 --> 01:24:05,360  
there's the other I mean that when you

1755  
01:24:11,170 --> 01:24:07,820  
think about the future but even today

1756  
01:24:13,450 --> 01:24:11,180  
that one episode of the x-files and I

1757  
01:24:16,180 --> 01:24:13,460  
hate to go and use the Hollywood

1758  
01:24:18,070 --> 01:24:16,190  
metaphor right I hate to do that but but

1759  
01:24:20,740 --> 01:24:18,080  
in this case it was really well done

1760  
01:24:24,750 --> 01:24:20,750  
and and I don't know if he caught the

1761  
01:24:34,720 --> 01:24:31,209  
Mulder didn't tip add added automated

1762  
01:24:39,130 --> 01:24:34,730  
sushi restaurant right he offended the

1763  
01:24:42,959 --> 01:24:39,140

bots he didn't tip and then everything

1764

01:24:53,170 --> 01:24:48,310

the Roomba turns into you know a murder

1765

01:24:58,300 --> 01:24:53,180

weapon and drones are all over us I mean

1766

01:25:02,110 --> 01:24:58,310

just the common common things today not

1767

01:25:05,770 --> 01:25:02,120

not in order to be not not Terminator

1768

01:25:08,560 --> 01:25:05,780

Atty 3000 showing up but just your

1769

01:25:11,050 --> 01:25:08,570

average life the house the temperature's

1770

01:25:12,910 --> 01:25:11,060

going from a hundred degrees down to 40

1771

01:25:16,900 --> 01:25:12,920

degrees and you know if lights are

1772

01:25:19,240 --> 01:25:16,910

turning on and off and you know the the

1773

01:25:22,120 --> 01:25:19,250

automated house and the delivery systems

1774

01:25:25,570 --> 01:25:22,130

and like I said the Roomba turns into an

1775

01:25:27,169 --> 01:25:25,580

assassin there's that part of it and

1776

01:25:31,250 --> 01:25:27,179

this is what

1777

01:25:34,580 --> 01:25:31,260

I'm afraid of but I'm afraid of is one

1778

01:25:37,520 --> 01:25:34,590

bad actor it's not about shutting down

1779

01:25:41,089 --> 01:25:37,530

the electrical grid but one guy that

1780

01:25:44,089 --> 01:25:41,099

decides to jump in on the Android

1781

01:25:47,959 --> 01:25:44,099

operating system of smart refrigerators

1782

01:25:50,120 --> 01:25:47,969

and turns off refrigerators across the

1783

01:25:53,449 --> 01:25:50,130

United States and takes everybody's food

1784

01:25:56,390 --> 01:25:53,459

away from them that is a problem and

1785

01:25:59,750 --> 01:25:56,400

that is that is a very real situation

1786

01:26:03,439 --> 01:25:59,760

we're talking about Android is running

1787

01:26:06,109 --> 01:26:03,449

most of these connected devices and can

1788

01:26:08,689 --> 01:26:06,119

be manipulated and hacked and that is

1789

01:26:11,149 --> 01:26:08,699

something that is very very very scary

1790

01:26:14,449 --> 01:26:11,159

to me right well this is of course why

1791

01:26:16,489 --> 01:26:14,459

data security is is so important it is

1792

01:26:18,319 --> 01:26:16,499

one of the most critical things for both

1793

01:26:23,000 --> 01:26:18,329

for individuals and for society as a

1794

01:26:25,339 --> 01:26:23,010

whole but you know to be honest when I

1795

01:26:27,109 --> 01:26:25,349

when I first started getting into AI at

1796

01:26:29,959 --> 01:26:27,119

first I started to see all the things

1797

01:26:33,020 --> 01:26:29,969

that could go wrong but then the more I

1798

01:26:34,399 --> 01:26:33,030

thought about it the more so for

1799

01:26:36,949 --> 01:26:34,409

instance I was reading this Nick Bostrom

1800

01:26:38,899 --> 01:26:36,959

book super intelligence so that is the

1801  
01:26:40,669 --> 01:26:38,909  
most terrifying book ever written about

1802  
01:26:43,069 --> 01:26:40,679  
AI and the potential for what could go

1803  
01:26:46,549 --> 01:26:43,079  
wrong it is it so it's written by a

1804  
01:26:48,049 --> 01:26:46,559  
lecturer at the University of Oxford you

1805  
01:26:50,600 --> 01:26:48,059  
know he's a credentialed academic that

1806  
01:26:53,299 --> 01:26:50,610  
he goes through and he looks at all the

1807  
01:26:56,270 --> 01:26:53,309  
apocalyptic nightmare society scenarios

1808  
01:26:58,879 --> 01:26:56,280  
for AI almost all of which end in total

1809  
01:27:01,489 --> 01:26:58,889  
extinction of all life as we know it but

1810  
01:27:05,600 --> 01:27:01,499  
he then says as you get towards the end

1811  
01:27:09,319 --> 01:27:05,610  
of the book the only thing that could

1812  
01:27:13,179 --> 01:27:09,329  
possibly be worse for Humanity than

1813  
01:27:16,160 --> 01:27:13,189

developing AI is not developing AI

1814

01:27:17,810 --> 01:27:16,170

and what he meant by that is when you

1815

01:27:19,790 --> 01:27:17,820

when you step back and you look at it

1816

01:27:22,129 --> 01:27:19,800

well what are the problems that we face

1817

01:27:25,219 --> 01:27:22,139

you know as a species you know okay well

1818

01:27:28,879 --> 01:27:25,229

we have you know terrible diseases that

1819

01:27:31,040 --> 01:27:28,889

we need to overcome we have missed

1820

01:27:33,350 --> 01:27:31,050

distribution of food and food and people

1821

01:27:36,739 --> 01:27:33,360

starving we have the environmental

1822

01:27:41,180 --> 01:27:36,749

crisis talk toxic pollution of the

1823

01:27:43,700 --> 01:27:41,190

environment dying species overpopulation

1824

01:27:45,500 --> 01:27:43,710

the need to colonize space well you know

1825

01:27:47,240 --> 01:27:45,510

all of these things could potentially be

1826

01:27:49,520 --> 01:27:47,250

solved very quickly with artificial

1827

01:27:51,890 --> 01:27:49,530

intelligence let's take a basic example

1828

01:27:53,900 --> 01:27:51,900

cancer right you know how many people

1829

01:27:56,990 --> 01:27:53,910

whose cancer kill every year well let's

1830

01:27:59,270 --> 01:27:57,000

say an AI was given access to for

1831

01:28:01,130 --> 01:27:59,280

instance the data at 23andme which by

1832

01:28:05,030 --> 01:28:01,140

the way is a Google company and I'm sure

1833

01:28:06,440 --> 01:28:05,040

that's why they created it but or you

1834

01:28:08,270 --> 01:28:06,450

know the Nash the records of the

1835

01:28:10,910 --> 01:28:08,280

National Health Service in England or

1836

01:28:12,800 --> 01:28:10,920

something like that let's say that we

1837

01:28:14,840 --> 01:28:12,810

put a machine like just a machine

1838

01:28:17,510 --> 01:28:14,850

learning learning algorithm and train it

1839

01:28:19,550 --> 01:28:17,520

on the genetic code of as many people as

1840

01:28:22,340 --> 01:28:19,560

possible and then it comes back and it

1841

01:28:23,960 --> 01:28:22,350

will tell you exactly the sequence of

1842

01:28:25,880 --> 01:28:23,970

things to turn off to prevent cancer

1843

01:28:28,160 --> 01:28:25,890

from ever occurring I mean that for me

1844

01:28:31,640 --> 01:28:28,170

like that right there is our best

1845

01:28:33,410 --> 01:28:31,650

possible hope right of curing things

1846

01:28:34,970 --> 01:28:33,420

like cancer curing aids you don't say

1847

01:28:36,680 --> 01:28:34,980

that the cures are gonna happen like

1848

01:28:38,570 --> 01:28:36,690

that's gonna be one of the major ways

1849

01:28:41,920 --> 01:28:38,580

that it's gonna that it's gonna happen

1850

01:28:44,180 --> 01:28:41,930

or you know figuring out let's say

1851  
01:28:46,910 --> 01:28:44,190  
detoxifying the ocean you know all the

1852  
01:28:50,030 --> 01:28:46,920  
coral reefs are dying well you know AI

1853  
01:28:51,380 --> 01:28:50,040  
robots could easily be deployed not

1854  
01:28:53,240 --> 01:28:51,390  
easily but you know we could work

1855  
01:28:56,440 --> 01:28:53,250  
towards deploying robots that could

1856  
01:28:59,810 --> 01:28:56,450  
start cleaning up the environment and

1857  
01:29:02,870 --> 01:28:59,820  
you know even the use of AI to do things

1858  
01:29:05,540 --> 01:29:02,880  
like sequence genetics and bring back

1859  
01:29:08,150 --> 01:29:05,550  
species that have been that are now

1860  
01:29:10,130 --> 01:29:08,160  
extinct things like this and of course

1861  
01:29:12,170 --> 01:29:10,140  
we're also entering the world of CRISPR

1862  
01:29:14,750 --> 01:29:12,180  
and easy genetic manipulation and that's

1863  
01:29:16,580 --> 01:29:14,760

gonna go hand in hand with AI so yes of

1864

01:29:18,800 --> 01:29:16,590

course there's frightening things about

1865

01:29:21,170 --> 01:29:18,810

these but on the flip side of that is

1866

01:29:23,630 --> 01:29:21,180

there's incredibly exciting things about

1867

01:29:25,160 --> 01:29:23,640

them also and you know I don't like to

1868

01:29:26,480 --> 01:29:25,170

make predictions about the future but I

1869

01:29:28,670 --> 01:29:26,490

think that it's gonna get just

1870

01:29:32,420 --> 01:29:28,680

incredibly weird within the next 10

1871

01:29:34,010 --> 01:29:32,430

years we're just we haven't even you

1872

01:29:36,560 --> 01:29:34,020

know we're talking about technology from

1873

01:29:39,200 --> 01:29:36,570

the from the time that the web was

1874

01:29:42,350 --> 01:29:39,210

rolled out and you think about we

1875

01:29:45,770 --> 01:29:42,360

couldn't even stream video useful it you

1876

01:29:49,130 --> 01:29:45,780

know well in the 90s until now we're

1877

01:29:51,290 --> 01:29:49,140

we're just in the we're still in the

1878

01:29:53,550 --> 01:29:51,300

ramping up phase of information

1879

01:29:56,100 --> 01:29:53,560

technology where we were still

1880

01:29:57,630 --> 01:29:56,110

the part where we're gathering speed but

1881

01:30:00,030 --> 01:29:57,640

we're just about to get to the takeoff

1882

01:30:02,810 --> 01:30:00,040

and the takeoff is gonna happen within

1883

01:30:06,020 --> 01:30:02,820

the next 10 years when we look at AI

1884

01:30:09,780 --> 01:30:06,030

machine learning potentially strong AI

1885

01:30:12,660 --> 01:30:09,790

CRISPR genetic manipulation blockchain

1886

01:30:15,180 --> 01:30:12,670

cloud computing graphics cards with

1887

01:30:16,920 --> 01:30:15,190

tremendous amounts of power the

1888

01:30:18,480 --> 01:30:16,930

interconnection of all the computers

1889

01:30:20,820 --> 01:30:18,490

around the world through things like

1890

01:30:23,220 --> 01:30:20,830

blockchain we have no idea what's coming

1891

01:30:25,170 --> 01:30:23,230

and it's it's it's gonna happen as if

1892

01:30:27,570 --> 01:30:25,180

overnight as if it was like alien

1893

01:30:30,510 --> 01:30:27,580

contact yeah it's gonna be the Internet

1894

01:30:33,120 --> 01:30:30,520

3.0 for sure let's take a break right

1895

01:30:36,480 --> 01:30:33,130

here our guest tonight Jason luve we're

1896

01:30:38,460 --> 01:30:36,490

talking technology all of it this is

1897

01:30:40,530 --> 01:30:38,470

fade to black on the GameChanger network

1898

01:30:41,430 --> 01:30:40,540

I'm your host Jimmy Church more Jason

1899

01:30:44,110 --> 01:30:41,440

after this short break

1900

01:30:59,640 --> 01:30:49,850

[Music]

1901  
01:31:06,850 --> 01:31:02,820  
way out here we listen to Jimmy Church

1902  
01:31:09,160 --> 01:31:06,860  
you're listening to fade to black always

1903  
01:31:11,710 --> 01:31:09,170  
on the edge of the hottest alternative

1904  
01:31:31,240 --> 01:31:11,720  
talk chili church with fade to black

1905  
01:31:34,960 --> 01:31:31,250  
stay GRA radio.com hurricanes

1906  
01:31:36,730 --> 01:31:34,970  
earthquakes wildfires this year we've

1907  
01:31:39,520 --> 01:31:36,740  
experienced more than our fair share

1908  
01:31:42,010 --> 01:31:39,530  
this is Jimmy Church a fade to black and

1909  
01:31:44,170 --> 01:31:42,020  
last month I decided to make sure my

1910  
01:31:46,030 --> 01:31:44,180  
family does not have to worry about food

1911  
01:31:49,540 --> 01:31:46,040  
that should we get caught in a real

1912  
01:31:51,550 --> 01:31:49,550  
emergency situation introducing Humana a

1913  
01:31:53,350 --> 01:31:51,560

healthy storable product that tastes so

1914

01:31:55,360 --> 01:31:53,360

good that you'll want to eat it every

1915

01:31:57,820 --> 01:31:55,370

day instead of just during those times

1916

01:32:01,210 --> 01:31:57,830

of duress all new manna products have a

1917

01:32:03,870 --> 01:32:01,220

25 year shelf life our MSG and GMO free

1918

01:32:06,280 --> 01:32:03,880

no preservatives and are made in America

1919

01:32:08,080 --> 01:32:06,290

with the new manna pack in your home

1920

01:32:10,870 --> 01:32:08,090

you'll be able to sleep at night knowing

1921

01:32:13,660 --> 01:32:10,880

that you've protected your family not

1922

01:32:16,210 --> 01:32:13,670

only have I tasted and tested I own it

1923

01:32:17,920 --> 01:32:16,220

now you can too just click on the new

1924

01:32:20,260 --> 01:32:17,930

manna banner on Jimmy Church radio.com

1925

01:32:22,720 --> 01:32:20,270

and use the promo code Jimmy when you

1926

01:32:24,370 --> 01:32:22,730

order in addition to a discount we'll

1927

01:32:27,880 --> 01:32:24,380

send you an autograph fade to black

1928

01:32:30,220 --> 01:32:27,890

t-shirt seriously gobekli tepe

1929

01:32:32,560 --> 01:32:30,230

do you worry a lot whether you're a

1930

01:32:34,630 --> 01:32:32,570

college student busy professional parent

1931

01:32:36,040 --> 01:32:34,640

or grandparent ongoing stress and

1932

01:32:38,680 --> 01:32:36,050

elevated levels of the stress hormone

1933

01:32:41,200 --> 01:32:38,690

cortisol can rob your memory your health

1934

01:32:43,000 --> 01:32:41,210

and your future now you can combat the

1935

01:32:44,800 --> 01:32:43,010

effects of stress and anxiety while

1936

01:32:47,080 --> 01:32:44,810

improving your memory and recall at the

1937

01:32:49,150 --> 01:32:47,090

same time with the dietary supplement

1938

01:32:50,920 --> 01:32:49,160

calm and clever studies show that the

1939

01:32:53,350 --> 01:32:50,930

ingredients in common clever reduce

1940

01:32:54,130 --> 01:32:53,360

cortisol by as much as 30 percent in one

1941

01:32:56,080 --> 01:32:54,140

to two weeks

1942

01:32:59,050 --> 01:32:56,090

call 1-800 seven five eight eight seven

1943

01:33:01,540 --> 01:32:59,060

four six or calm and clever calm

1944

01:33:12,160 --> 01:33:01,550

you listen to us and we listen to you

1945

01:33:13,960 --> 01:33:12,170

and so does the CIA kgr a radio.com you

1946

01:33:17,940 --> 01:33:13,970

are listening to fade to black with

1947

01:33:21,310 --> 01:33:17,950

Jimmy Church on the game changer Network

1948

01:33:24,190 --> 01:33:21,320

hi I'm Lisa Vance you're listening to

1949

01:33:27,010 --> 01:33:24,200

Jimmy Church this is revolution the

1950

01:33:34,900 --> 01:33:27,020

revolution will not be televised the

1951

01:33:34,910 --> 01:34:12,190

[Music]

1952

01:34:15,680 --> 01:34:14,360

all right welcome back fade to black

1953

01:34:18,860 --> 01:34:15,690

coming off Jimmy Church our guest

1954

01:34:20,600 --> 01:34:18,870

tonight Jason Liu we're talking tech all

1955

01:34:22,880 --> 01:34:20,610

of it tomorrow night

1956

01:34:24,560 --> 01:34:22,890

Tracy Garvin is gonna be here you gonna

1957

01:34:27,500 --> 01:34:24,570

meet her for the first time it's gonna

1958

01:34:29,360 --> 01:34:27,510

be an amazing show Thursday night open

1959

01:34:29,600 --> 01:34:29,370

lines all night long this is fade to

1960

01:34:37,030 --> 01:34:29,610

black

1961

01:34:41,800 --> 01:34:37,040

now Jason the is there a way to slow

1962

01:34:46,100 --> 01:34:41,810

down the progress that we are making

1963

01:34:49,160 --> 01:34:46,110

should we are we going too fast without

1964

01:34:53,900 --> 01:34:49,170

looking at certain consequences and one

1965

01:34:56,930 --> 01:34:53,910

of the aspects of this is if you wanted

1966

01:35:00,080 --> 01:34:56,940

to take down a country right now you

1967

01:35:02,180 --> 01:35:00,090

don't necessarily drop bombs you take

1968

01:35:06,110 --> 01:35:02,190

down their internet and then everything

1969

01:35:08,240 --> 01:35:06,120

is is is over you know because of the

1970

01:35:11,360 --> 01:35:08,250

distribution of electricity and food and

1971

01:35:13,100 --> 01:35:11,370

water and and and communication and the

1972

01:35:16,690 --> 01:35:13,110

news and everything else you take that

1973

01:35:20,930 --> 01:35:16,700

away and the electrics it all goes down

1974

01:35:25,900 --> 01:35:20,940

certainly then the next world war will

1975

01:35:29,690 --> 01:35:25,910

probably involve that first in in in

1976

01:35:31,580 --> 01:35:29,700

some kind of warfare and so to prevent

1977

01:35:35,630 --> 01:35:31,590

that maybe we should back up a little

1978

01:35:37,760 --> 01:35:35,640

bit and and maybe not have things run on

1979

01:35:41,120 --> 01:35:37,770

the internet like we do our

1980

01:35:43,130 --> 01:35:41,130

infrastructure and so forth we can't we

1981

01:35:45,760 --> 01:35:43,140

can slow it down it's not going to be

1982

01:35:49,220 --> 01:35:45,770

possible the reason that I say that is

1983

01:35:50,900 --> 01:35:49,230

let's say that you know if one group or

1984

01:35:52,700 --> 01:35:50,910

one country was to slow down

1985

01:35:54,050 --> 01:35:52,710

technological progress all that would

1986

01:35:58,550 --> 01:35:54,060

happen would be they would fall behind

1987

01:36:01,520 --> 01:35:58,560

all the other countries so and this is

1988

01:36:03,740 --> 01:36:01,530

this is of course dangerous for the

1989

01:36:05,990 --> 01:36:03,750

reason that you know for instance when I

1990

01:36:09,220 --> 01:36:06,000

first started getting into AI I realized

1991

01:36:12,650 --> 01:36:09,230

that we had never faced an existential

1992

01:36:15,110 --> 01:36:12,660

you know dilemma of this level ever

1993

01:36:17,330 --> 01:36:15,120

before as a human species the only thing

1994

01:36:20,720 --> 01:36:17,340

that comes close is the atomic bomb so I

1995

01:36:21,620 --> 01:36:20,730

went and started reading the accounts of

1996

01:36:23,870 --> 01:36:21,630

the people who had worked on the

1997

01:36:25,489 --> 01:36:23,880

Manhattan Project to get a sense of how

1998

01:36:27,049 --> 01:36:25,499

they were thinking

1999

01:36:29,419 --> 01:36:27,059

the fascinating thing is they were all

2000

01:36:31,250 --> 01:36:29,429

talking about what they were doing in

2001

01:36:34,399 --> 01:36:31,260

the same terms as people are talking

2002

01:36:37,689 --> 01:36:34,409

about AI now where they were saying you

2003

01:36:40,790 --> 01:36:37,699

know we understand that we're creating

2004

01:36:44,620 --> 01:36:40,800

what could become a most terrible weapon

2005

01:36:47,149 --> 01:36:44,630

ever known creating this horrible bomb

2006

01:36:49,219 --> 01:36:47,159

but we also know that if we don't

2007

01:36:50,540 --> 01:36:49,229

somebody else will we don't develop it

2008

01:36:52,580 --> 01:36:50,550

the Germans will develop it the Japanese

2009

01:36:54,799 --> 01:36:52,590

will develop it and then the war will be

2010

01:36:57,439 --> 01:36:54,809

over and they'll use it on us so we have

2011

01:36:59,239 --> 01:36:57,449

to develop it and that thinking forces

2012

01:37:01,509 --> 01:36:59,249

it to happen it's almost like a magical

2013

01:37:05,500 --> 01:37:01,519

thing it forces it into manifestation

2014

01:37:08,359 --> 01:37:05,510

the AI developers are using the same

2015

01:37:10,009 --> 01:37:08,369

logic now you know when I was looking at

2016

01:37:11,839 --> 01:37:10,019

it at the end of 2017 there were at

2017

01:37:13,459 --> 01:37:11,849

least a thousand companies working on AI

2018

01:37:16,609 --> 01:37:13,469

and there's probably quite a few more

2019

01:37:20,439 --> 01:37:16,619

now and that's of course going to force

2020

01:37:23,089 --> 01:37:20,449

the the accelerated progress of AI oh

2021

01:37:27,229 --> 01:37:23,099

it's not just the u.s. it's China it's

2022

01:37:29,359 --> 01:37:27,239

Russia you know it's there's we can't we

2023

01:37:31,069 --> 01:37:29,369

can't slow it down it's just not gonna

2024

01:37:33,739 --> 01:37:31,079

happen that's not something that we're

2025

01:37:35,919 --> 01:37:33,749

gonna be able to do so I think that what

2026

01:37:40,069 --> 01:37:35,929

we have to do is guide it and

2027

01:37:43,939 --> 01:37:40,079

continually suggest you know as a as a

2028

01:37:46,279 --> 01:37:43,949

human species have to just keep making

2029

01:37:49,370 --> 01:37:46,289

sure that our voice is heard instead of

2030

01:37:51,439 --> 01:37:49,380

just you know a few people in a few

2031

01:37:54,109 --> 01:37:51,449

corporate concerns you know the humanity

2032

01:37:56,060 --> 01:37:54,119

has to constantly be forcing its way

2033

01:37:58,129 --> 01:37:56,070

into the conversation and making sure

2034

01:38:00,739 --> 01:37:58,139

that this is a group decision-making

2035

01:38:04,640 --> 01:38:00,749

process because it obviously affects all

2036

01:38:06,739 --> 01:38:04,650

life period that's how I feel about it

2037

01:38:08,600 --> 01:38:06,749

and then also you know I think that we

2038

01:38:12,080 --> 01:38:08,610

can one of the best things we can do is

2039

01:38:14,600 --> 01:38:12,090

imagine better futures for AI futures

2040

01:38:18,169 --> 01:38:14,610

that are not Terminator 5 you know but

2041

01:38:20,600 --> 01:38:18,179

futures that are the cure of cancer of

2042

01:38:22,870 --> 01:38:20,610

the cure of you know global poverty the

2043

01:38:26,450 --> 01:38:22,880

cure of environmental degradation

2044

01:38:28,910 --> 01:38:26,460

there's a lot of tremendously positive

2045

01:38:31,250 --> 01:38:28,920

things that could come out of this you

2046

01:38:36,080 --> 01:38:31,260

know overwhelmingly positive so I think

2047

01:38:38,689 --> 01:38:36,090

it's imperative for us to steer towards

2048

01:38:39,439 --> 01:38:38,699

those futures and and I don't think that

2049

01:38:42,290 --> 01:38:39,449

getting to snow

2050

01:38:44,150 --> 01:38:42,300

in an apocalyptic and recycling the same

2051

01:38:45,680 --> 01:38:44,160

Bladerunner and terminator tropes

2052

01:38:48,080 --> 01:38:45,690

whenever we think about this is

2053

01:38:49,700 --> 01:38:48,090

particularly helpful it's certainly not

2054

01:38:51,410 --> 01:38:49,710

helpful for the people developing these

2055

01:38:54,590 --> 01:38:51,420

things to have that in the back of their

2056

01:38:55,820 --> 01:38:54,600

mind as they do so that's kind of how I

2057

01:38:59,810 --> 01:38:55,830

feel about it but I think that

2058

01:39:02,990 --> 01:38:59,820

technology should be a conversation that

2059

01:39:07,430 --> 01:39:03,000

we have as a species instead of you know

2060

01:39:09,470 --> 01:39:07,440

a very tiny core group of people making

2061

01:39:11,150 --> 01:39:09,480

decisions behind closed doors yeah

2062

01:39:14,630 --> 01:39:11,160

that's that's dangerous yeah that's

2063

01:39:16,850 --> 01:39:14,640

always the issue and certainly for all

2064

01:39:20,300 --> 01:39:16,860

of the goodness out there and there's

2065

01:39:22,310 --> 01:39:20,310

you know hey I like one-click Amazon

2066

01:39:23,050 --> 01:39:22,320

that's pretty much a pretty amazing

2067

01:39:26,840 --> 01:39:23,060

thing

2068

01:39:31,939 --> 01:39:26,850

click delivered you know click you don't

2069

01:39:35,419 --> 01:39:31,949

even have to think about some

2070

01:39:37,840 --> 01:39:35,429

complicated step it's literally a click

2071

01:39:39,919 --> 01:39:37,850

and it shows about your house I

2072

01:39:42,200 --> 01:39:39,929

appreciate that but then there's the

2073

01:39:46,070 --> 01:39:42,210

other side for all of that positivity

2074

01:39:48,080 --> 01:39:46,080

there is negativity and who is out there

2075

01:39:51,500 --> 01:39:48,090

on the frontlines for us

2076

01:39:53,810 --> 01:39:51,510

protecting our grid our internet the

2077

01:39:56,479 --> 01:39:53,820

banking systems and our water supplies

2078

01:39:59,180 --> 01:39:56,489

and our food delivery systems so they

2079

01:40:04,310 --> 01:39:59,190

don't get manipulated I would think that

2080

01:40:06,470 --> 01:40:04,320

there are an equal amount of criminals

2081

01:40:08,810 --> 01:40:06,480

and criminal minds out there trying to

2082

01:40:11,270 --> 01:40:08,820

figure out how to manipulate the system

2083

01:40:12,890 --> 01:40:11,280

because it's always been there right I

2084

01:40:15,290 --> 01:40:12,900

think one of the real issues with

2085

01:40:16,430 --> 01:40:15,300

technology is there's no democracy to it

2086

01:40:19,070 --> 01:40:16,440

there's no such thing as global

2087

01:40:21,500 --> 01:40:19,080

governance even though technology the

2088

01:40:23,959 --> 01:40:21,510

promise of technology is that it will

2089

01:40:26,930 --> 01:40:23,969

bring everyone together it's not a group

2090

01:40:30,320 --> 01:40:26,940

decision making process and so for that

2091

01:40:32,150 --> 01:40:30,330

reason I'm hopeful for certain

2092

01:40:34,100 --> 01:40:32,160

technologies like blockchain technology

2093

01:40:37,310 --> 01:40:34,110

for instance I think that it would be

2094

01:40:41,510 --> 01:40:37,320

you know pretty cool to run let's say

2095

01:40:44,030 --> 01:40:41,520

let's say run a one world community not

2096

01:40:47,120 --> 01:40:44,040

not a one world order but a one world

2097

01:40:51,950 --> 01:40:47,130

community as Jaz Coleman from Killing

2098

01:40:53,250 --> 01:40:51,960

Joke puts it as a on the blockchain for

2099

01:40:59,100 --> 01:40:53,260

instance of course the

2100

01:41:02,520 --> 01:40:59,110

chain allows for unhackable unchangeable

2101  
01:41:04,649 --> 01:41:02,530  
data to be transferred that can't be

2102  
01:41:05,879 --> 01:41:04,659  
changed by any bad actors so it's

2103  
01:41:08,549 --> 01:41:05,889  
something that could be used to do

2104  
01:41:10,709 --> 01:41:08,559  
global governance where it's one vote

2105  
01:41:12,540 --> 01:41:10,719  
one person for the whole world and you

2106  
01:41:14,310 --> 01:41:12,550  
know the issues that affect all humanity

2107  
01:41:17,759 --> 01:41:14,320  
could be decided through voting on the

2108  
01:41:19,439 --> 01:41:17,769  
blockchain I think that that or maybe

2109  
01:41:20,850 --> 01:41:19,449  
not just voting but just the whole idea

2110  
01:41:22,859 --> 01:41:20,860  
of global governance using the

2111  
01:41:25,140 --> 01:41:22,869  
blockchain is a you know pretty exciting

2112  
01:41:28,319 --> 01:41:25,150  
exciting to think about and you know

2113  
01:41:32,160 --> 01:41:28,329

honestly you know to be to be perfectly

2114

01:41:34,919 --> 01:41:32,170

frank when we look around yet everything

2115

01:41:36,270 --> 01:41:34,929

has collapsed in our world at the moment

2116

01:41:38,490 --> 01:41:36,280

you know that the political system has

2117

01:41:42,089 --> 01:41:38,500

utterly collapsed this is anarchy and

2118

01:41:44,069 --> 01:41:42,099

chaos both in America and Europe and all

2119

01:41:45,660 --> 01:41:44,079

of the old philosophies people don't

2120

01:41:47,580 --> 01:41:45,670

seem to be paying any heed to them

2121

01:41:52,410 --> 01:41:47,590

anymore the social order the social

2122

01:41:55,290 --> 01:41:52,420

fabric have disintegrated and but

2123

01:41:57,149 --> 01:41:55,300

technology is one of the only things

2124

01:41:59,370 --> 01:41:57,159

that we have as a human species that's

2125

01:42:01,799 --> 01:41:59,380

it's working and going forward into the

2126  
01:42:04,529 --> 01:42:01,809  
future and technology is what delivers

2127  
01:42:11,700 --> 01:42:04,539  
you know NASA didn't deliver but Elon

2128  
01:42:14,220 --> 01:42:11,710  
Musk is and you know like so so I have

2129  
01:42:15,660 --> 01:42:14,230  
to say that you know technology is kind

2130  
01:42:17,180 --> 01:42:15,670  
of where we should be putting our focus

2131  
01:42:19,709 --> 01:42:17,190  
in our effort you know it's the only

2132  
01:42:21,689 --> 01:42:19,719  
technology is the only thing that's

2133  
01:42:23,549 --> 01:42:21,699  
gonna give us a Hail Mary pass on the

2134  
01:42:28,470 --> 01:42:23,559  
the issues that we face in this century

2135  
01:42:30,750 --> 01:42:28,480  
whether its climate change or or or what

2136  
01:42:35,149 --> 01:42:30,760  
overpopulation or whatever it happens to

2137  
01:42:37,319 --> 01:42:35,159  
be pandemic global pandemic diseases

2138  
01:42:39,359 --> 01:42:37,329

technology is the only thing that's

2139

01:42:40,919 --> 01:42:39,369

gonna save us it's not going to be

2140

01:42:43,200 --> 01:42:40,929

religion it's not going to be government

2141

01:42:45,000 --> 01:42:43,210

it's not going to be spirituality you

2142

01:42:47,310 --> 01:42:45,010

know which is a sobering thing for

2143

01:42:49,879 --> 01:42:47,320

somebody like me to say but it's kind of

2144

01:42:54,899 --> 01:42:49,889

true spirituality will definitely

2145

01:42:59,009 --> 01:42:54,909

spirituality is great for motivating

2146

01:43:01,350 --> 01:42:59,019

small numbers of you know people who are

2147

01:43:03,600 --> 01:43:01,360

willing to put the time in but it's not

2148

01:43:05,339 --> 01:43:03,610

a mass fix the only way we're gonna mass

2149

01:43:06,689 --> 01:43:05,349

fix these issues is through technology

2150

01:43:09,390 --> 01:43:06,699

so

2151

01:43:12,689 --> 01:43:09,400

I'm all for it in that sense and I think

2152

01:43:14,069 --> 01:43:12,699

that but I just cautioned that I mean I

2153

01:43:17,419 --> 01:43:14,079

don't know if caution is the word I

2154

01:43:19,589 --> 01:43:17,429

think that one of the things that a

2155

01:43:21,899 --> 01:43:19,599

couple of the great spiritual teachers

2156

01:43:25,169 --> 01:43:21,909

of the 20th century said Parmenter

2157

01:43:26,549 --> 01:43:25,179

Yogananda and Manley P Hall in the early

2158

01:43:29,310 --> 01:43:26,559

part of the 20th century is that

2159

01:43:31,500 --> 01:43:29,320

humanities technological capacity is

2160

01:43:36,689 --> 01:43:31,510

advancing so quickly that it's

2161

01:43:38,759 --> 01:43:36,699

outstripping by exponential factors is

2162

01:43:41,459 --> 01:43:38,769

outstripping humanities wisdom and

2163

01:43:45,209 --> 01:43:41,469

capability capability of handling it and

2164

01:43:47,129 --> 01:43:45,219

using it humanely and you know all you

2165

01:43:49,229 --> 01:43:47,139

have to do is look online and you'll see

2166

01:43:51,989 --> 01:43:49,239

that that's the case you know we have

2167

01:43:54,810 --> 01:43:51,999

this technology which to all intents and

2168

01:43:57,629 --> 01:43:54,820

purposes gives us magical powers both as

2169

01:43:59,160 --> 01:43:57,639

individuals and as groups and whether

2170

01:44:01,859 --> 01:43:59,170

they're still the same people that we

2171

01:44:05,459 --> 01:44:01,869

were you know 2,000 years ago we're

2172

01:44:06,870 --> 01:44:05,469

still the same savages you know so we

2173

01:44:08,689 --> 01:44:06,880

just have more we're gonna have more and

2174

01:44:10,949 --> 01:44:08,699

more and more and more powerful tools

2175

01:44:14,839 --> 01:44:10,959

you know the odd up the atom bomb

2176  
01:44:18,620 --> 01:44:14,849  
already looks like you know a musket so

2177  
01:44:22,350 --> 01:44:18,630  
well one of the hurdles that third

2178  
01:44:25,339 --> 01:44:22,360  
desperately trying to overcome right now

2179  
01:44:28,680 --> 01:44:25,349  
and this is both with DARPA and Sandia

2180  
01:44:29,969 --> 01:44:28,690  
and others too as well certainly the

2181  
01:44:31,979 --> 01:44:29,979  
focuses of the research and their

2182  
01:44:38,100 --> 01:44:31,989  
budgeting right now is a neural

2183  
01:44:40,500 --> 01:44:38,110  
interface and that machine to biological

2184  
01:44:43,620 --> 01:44:40,510  
communication and being able to convert

2185  
01:44:46,770 --> 01:44:43,630  
that for a multitude of reasons one

2186  
01:44:49,770 --> 01:44:46,780  
obviously to download your your your

2187  
01:44:53,549 --> 01:44:49,780  
brain and your memories your dreams your

2188  
01:44:56,669 --> 01:44:53,559

thoughts but also a strong suggestion in

2189

01:44:59,939 --> 01:44:56,679

to immortality because if you could get

2190

01:45:04,830 --> 01:44:59,949

your soul and your consciousness into

2191

01:45:07,560 --> 01:45:04,840

your memory onto a USB Drive well then

2192

01:45:10,399 --> 01:45:07,570

you're off to the races to living

2193

01:45:12,899 --> 01:45:10,409

forever and the other part of that is

2194

01:45:16,350 --> 01:45:12,909

incorporating that of course into that

2195

01:45:19,100 --> 01:45:16,360

Tron type of artificial reality where

2196

01:45:20,520 --> 01:45:19,110

you would just exist on a chip and that

2197

01:45:22,529 --> 01:45:20,530

is a he

2198

01:45:27,049 --> 01:45:22,539

focus right now how close do you think

2199

01:45:29,910 --> 01:45:27,059

we are to downloading our brains well I

2200

01:45:33,750 --> 01:45:29,920

mean to be honest I would be surprised

2201

01:45:35,250 --> 01:45:33,760

if I I would be really surprised if you

2202

01:45:36,569 --> 01:45:35,260

know fairly advanced neural machine

2203

01:45:40,799 --> 01:45:36,579

interfaces haven't already been

2204

01:45:43,859 --> 01:45:40,809

developed in in the military world and I

2205

01:45:45,270 --> 01:45:43,869

think that okay so in terms of whole

2206

01:45:48,569 --> 01:45:45,280

brain downloading they've certainly

2207

01:45:52,979 --> 01:45:48,579

discussed it as a potential way to model

2208

01:45:54,899 --> 01:45:52,989

even a strong AI that said you know my

2209

01:45:56,520 --> 01:45:54,909

honest take on this is I don't think

2210

01:45:58,649 --> 01:45:56,530

they're gonna be able to do it I don't I

2211

01:46:00,149 --> 01:45:58,659

don't think that the you know and it's

2212

01:46:03,089 --> 01:46:00,159

not even just a romantic thing I don't

2213

01:46:06,000 --> 01:46:03,099

think that the what it is that makes a

2214

01:46:11,069 --> 01:46:06,010

human being conscious can't be reduced

2215

01:46:12,379 --> 01:46:11,079

into a terror and it right onto a USB I

2216

01:46:16,020 --> 01:46:12,389

just don't think that's gonna happen

2217

01:46:17,310 --> 01:46:16,030

what is gonna happen is just because

2218

01:46:19,379 --> 01:46:17,320

they don't it look we don't even

2219

01:46:21,089 --> 01:46:19,389

understand what consciousness is and and

2220

01:46:23,430 --> 01:46:21,099

you know as a lifelong meditator and

2221

01:46:25,799 --> 01:46:23,440

explorers spiritual traditions I think I

2222

01:46:28,500 --> 01:46:25,809

can pretty pretty authoritative ly

2223

01:46:30,359 --> 01:46:28,510

assure you that the whatever it is that

2224

01:46:31,919 --> 01:46:30,369

we call the human soul I mean most human

2225

01:46:34,890 --> 01:46:31,929

beings haven't even experienced the full

2226

01:46:37,109 --> 01:46:34,900

capacity of their their the the full

2227

01:46:40,439 --> 01:46:37,119

expansiveness or capacity of that their

2228

01:46:42,029 --> 01:46:40,449

own spiritual levels so they don't even

2229

01:46:44,209 --> 01:46:42,039

know what they're playing with it's it's

2230

01:46:45,930 --> 01:46:44,219

that's that you know spirit you know

2231

01:46:47,669 --> 01:46:45,940

spirituality spirituality and the

2232

01:46:49,049 --> 01:46:47,679

spiritual aspects of life into human

2233

01:46:51,959 --> 01:46:49,059

beings are so far beyond anything

2234

01:46:53,220 --> 01:46:51,969

technology will ever be able to do that

2235

01:46:57,359 --> 01:46:53,230

it's just not going to happen

2236

01:47:00,240 --> 01:46:57,369

but what will happen is as you mentioned

2237

01:47:01,709 --> 01:47:00,250

neural machine interfaces I think that's

2238

01:47:03,029 --> 01:47:01,719

gonna come very quickly and they're

2239

01:47:04,260 --> 01:47:03,039

they're already talking about what

2240

01:47:07,200 --> 01:47:04,270

they're calling the Internet of thoughts

2241

01:47:10,439 --> 01:47:07,210

which is you know when you have a neural

2242

01:47:12,660 --> 01:47:10,449

interface into a machine a computer that

2243

01:47:13,830 --> 01:47:12,670

is then connected to the cloud and then

2244

01:47:15,660 --> 01:47:13,840

you're you know you're ordering things

2245

01:47:17,370 --> 01:47:15,670

on Amazon with thoughts and browsing the

2246

01:47:19,140 --> 01:47:17,380

web with thoughts and communicating with

2247

01:47:20,850 --> 01:47:19,150

people to other people with thoughts and

2248

01:47:24,330 --> 01:47:20,860

then we have essentially a global

2249

01:47:25,379 --> 01:47:24,340

telepathic network that's that's coming

2250

01:47:27,029 --> 01:47:25,389

that's gonna happen

2251  
01:47:28,290 --> 01:47:27,039  
I don't know how extensive it's going to

2252  
01:47:30,029 --> 01:47:28,300  
be or how quickly it's going to happen

2253  
01:47:32,279 --> 01:47:30,039  
but they're already talking about it and

2254  
01:47:33,520 --> 01:47:32,289  
they're already using that terminology

2255  
01:47:35,560 --> 01:47:33,530  
and

2256  
01:47:37,840 --> 01:47:35,570  
I don't know I don't know if I want to

2257  
01:47:42,400 --> 01:47:37,850  
know what's in other people's thoughts

2258  
01:47:46,750 --> 01:47:42,410  
no right and now and in the way that AR

2259  
01:47:51,280 --> 01:47:46,760  
is advancing to as well not only you can

2260  
01:47:53,560 --> 01:47:51,290  
see directly in gaming gaming today

2261  
01:47:55,960 --> 01:47:53,570  
look we go back and look at asteroids

2262  
01:47:57,790 --> 01:47:55,970  
right or missile command and then look

2263  
01:47:59,290 --> 01:47:57,800

at what is going on today it's pretty

2264

01:48:03,430 --> 01:47:59,300

astounding and then there's the other

2265

01:48:07,150 --> 01:48:03,440

part of it that goes on in Hollywood and

2266

01:48:09,520 --> 01:48:07,160

the rendering that is done with with

2267

01:48:13,810 --> 01:48:09,530

that today it's just it's very very

2268

01:48:15,820 --> 01:48:13,820

impressive and you can't tell well maybe

2269

01:48:18,460 --> 01:48:15,830

you can't but it's almost gotten to the

2270

01:48:21,670 --> 01:48:18,470

point where you don't know what is real

2271

01:48:24,910 --> 01:48:21,680

and what is not where do you think that

2272

01:48:29,710 --> 01:48:24,920

is going and if you could exist in an AR

2273

01:48:35,620 --> 01:48:29,720

world would you do it in an AR world or

2274

01:48:38,530 --> 01:48:35,630

a full VR well si okay now also the

2275

01:48:40,930 --> 01:48:38,540

lines are blurred between the two right

2276

01:48:45,700 --> 01:48:40,940

well so I guess just to define clearly

2277

01:48:48,280 --> 01:48:45,710

so AR augmented reality is when you are

2278

01:48:50,920 --> 01:48:48,290

okay so a good example would be you're

2279

01:48:52,720 --> 01:48:50,930

walking around the mall and you hold up

2280

01:48:55,000 --> 01:48:52,730

your phone in front of stores and it

2281

01:48:56,050 --> 01:48:55,010

displays you know price tags and current

2282

01:48:58,030 --> 01:48:56,060

deals and things like that

2283

01:49:00,540 --> 01:48:58,040

AR is when there's an overlay of

2284

01:49:03,490 --> 01:49:00,550

information on top of the world as it is

2285

01:49:05,700 --> 01:49:03,500

and that's coming real quick and that's

2286

01:49:10,870 --> 01:49:05,710

going to be integrated with their lives

2287

01:49:12,430 --> 01:49:10,880

you know much more than VR is so and and

2288

01:49:15,070 --> 01:49:12,440

it's not just it's not just that but I

2289

01:49:17,230 --> 01:49:15,080

mean you know obviously it it syncs up

2290

01:49:25,000 --> 01:49:17,240

with the Internet of Things and displays

2291

01:49:26,470 --> 01:49:25,010

and things like that but ER via full VR

2292

01:49:28,060 --> 01:49:26,480

is when you actually go into another

2293

01:49:29,590 --> 01:49:28,070

experience you know so you put the

2294

01:49:31,660 --> 01:49:29,600

helmet on and you go into another world

2295

01:49:35,350 --> 01:49:31,670

instead of it being an overlay on this

2296

01:49:35,830 --> 01:49:35,360

world yeah and look at look at pokemons

2297

01:49:41,410 --> 01:49:35,840

go

2298

01:49:44,260 --> 01:49:41,420

that's a beautiful example of being able

2299

01:49:46,210 --> 01:49:44,270

to exist and and it's right there it's

2300

01:49:47,650 --> 01:49:46,220

on your cell phone

2301  
01:49:52,600 --> 01:49:47,660  
and you're looking and you're walking

2302  
01:49:57,460 --> 01:49:52,610  
around in reality right but your your

2303  
01:50:00,310 --> 01:49:57,470  
your in gameplay and that's right there

2304  
01:50:03,010 --> 01:50:00,320  
it's a very simple version of it but it

2305  
01:50:05,920 --> 01:50:03,020  
is actually running so I guess what I'm

2306  
01:50:09,520 --> 01:50:05,930  
asking you is if you are offered the

2307  
01:50:13,240 --> 01:50:09,530  
opportunity to download your

2308  
01:50:18,100 --> 01:50:13,250  
consciousness your soul and exist in an

2309  
01:50:22,090 --> 01:50:18,110  
artificial reality full-on version of

2310  
01:50:24,550 --> 01:50:22,100  
picah City Seattle you could just live

2311  
01:50:27,670 --> 01:50:24,560  
there forever would you would you make

2312  
01:50:30,160 --> 01:50:27,680  
that move I'm not sure I would because

2313  
01:50:31,960 --> 01:50:30,170

I'd be worried that you know the the

2314

01:50:33,700 --> 01:50:31,970

promise would be that it would be some

2315

01:50:35,080 --> 01:50:33,710

virtual paradise and then I get there

2316

01:50:36,970 --> 01:50:35,090

and then it would just be some machine

2317

01:50:39,930 --> 01:50:36,980

using my consciousness to mind Bitcoin

2318

01:50:46,570 --> 01:50:43,420

okay now the movie especially the the

2319

01:50:52,000 --> 01:50:46,580

first version of it Tron that is

2320

01:50:54,310 --> 01:50:52,010

suggested to all of us another world one

2321

01:50:57,730 --> 01:50:54,320

that existed you know on a motherboard

2322

01:51:00,490 --> 01:50:57,740

and the way that Silicon Valley is

2323

01:51:01,870 --> 01:51:00,500

working right now with with qubits and

2324

01:51:03,670 --> 01:51:01,880

parallel worlds

2325

01:51:07,050 --> 01:51:03,680

now we're strongly suggesting the

2326

01:51:09,580 --> 01:51:07,060

existence of on a scientific level

2327

01:51:11,500 --> 01:51:09,590

multiverse parallel worlds infinite

2328

01:51:15,970 --> 01:51:11,510

parallel worlds where these qubits can

2329

01:51:17,920 --> 01:51:15,980

can run and exist and and compute well

2330

01:51:21,880 --> 01:51:17,930

now we're starting to cross this line

2331

01:51:24,760 --> 01:51:21,890

and when all of the not all but a bunch

2332

01:51:26,920 --> 01:51:24,770

of these heads of giant corporations up

2333

01:51:31,750 --> 01:51:26,930

in Silicon Valley started suggesting

2334

01:51:35,290 --> 01:51:31,760

this this type of world may be real and

2335

01:51:37,470 --> 01:51:35,300

we may be existing in it is suggesting

2336

01:51:40,150 --> 01:51:37,480

that they know something that we don't

2337

01:51:43,480 --> 01:51:40,160

what do you think about science starting

2338

01:51:45,730 --> 01:51:43,490

to prove this direction and it was

2339

01:51:48,610 --> 01:51:45,740

Silicon Valley of all places that is

2340

01:51:50,320 --> 01:51:48,620

leading the way well to be honest I

2341

01:51:53,680 --> 01:51:50,330

don't know a ton about that but I do

2342

01:51:56,500 --> 01:51:53,690

know that certain things like the you

2343

01:51:58,450 --> 01:51:56,510

know there was this idea was propagated

2344

01:51:59,919 --> 01:51:58,460

a few years ago that it had been proven

2345

01:52:03,069 --> 01:51:59,929

that the universe is a simulation

2346

01:52:05,560 --> 01:52:03,079

and things like that a lot of times when

2347

01:52:08,439 --> 01:52:05,570

you see things like that what you're

2348

01:52:10,750 --> 01:52:08,449

actually seeing is you know a theory

2349

01:52:13,449 --> 01:52:10,760

that somebody a hypothesis that somebody

2350

01:52:15,489 --> 01:52:13,459

has proposed that then gets picked up by

2351  
01:52:17,799 --> 01:52:15,499  
the media and reported as if it's fact

2352  
01:52:19,660 --> 01:52:17,809  
and I know Neil deGrasse Tyson commented

2353  
01:52:20,979 --> 01:52:19,670  
on this and kind of chucked that out and

2354  
01:52:23,859 --> 01:52:20,989  
said it wasn't you know was it actually

2355  
01:52:24,969 --> 01:52:23,869  
it was not the case a lot of times you

2356  
01:52:26,709 --> 01:52:24,979  
know I have also having worked as a

2357  
01:52:29,949 --> 01:52:26,719  
journalist and as a blogger and knowing

2358  
01:52:34,629 --> 01:52:29,959  
how blogs work bloggers will constantly

2359  
01:52:36,879 --> 01:52:34,639  
look at scientific studies and reports

2360  
01:52:38,469 --> 01:52:36,889  
just try and scrape stories and

2361  
01:52:40,779 --> 01:52:38,479  
sensationalize them as much as possible

2362  
01:52:42,850 --> 01:52:40,789  
but it's very often they take it out of

2363  
01:52:44,410 --> 01:52:42,860

context so I know that for instance you

2364

01:52:46,359 --> 01:52:44,420

know even the mini world so the

2365

01:52:48,160 --> 01:52:46,369

many-worlds hypothesis of quantum

2366

01:52:51,129 --> 01:52:48,170

physics which is our many-worlds

2367

01:52:54,879 --> 01:52:51,139

interpretation of the you know the

2368

01:52:57,699 --> 01:52:54,889

famous wave particle experiment is just

2369

01:52:59,830 --> 01:52:57,709

it all that is it's not a it's not you

2370

01:53:02,350 --> 01:52:59,840

know it it suggests that there are

2371

01:53:05,500 --> 01:53:02,360

different realities created at the

2372

01:53:07,929 --> 01:53:05,510

quantum level for any decision or things

2373

01:53:11,489 --> 01:53:07,939

like that and all that was was saying

2374

01:53:13,359 --> 01:53:11,499

maybe this is a possible explanatory

2375

01:53:15,429 --> 01:53:13,369

interpretation of the wave particle

2376

01:53:18,850 --> 01:53:15,439

duality experiment that experiment of

2377

01:53:21,129 --> 01:53:18,860

course being that a wave you know light

2378

01:53:22,600 --> 01:53:21,139

could be observed as a wave or as a

2379

01:53:24,279 --> 01:53:22,610

particle depending on what they were

2380

01:53:26,290 --> 01:53:24,289

looking for and it's going to be in a

2381

01:53:27,969 --> 01:53:26,300

quantum quantum super imposed and it

2382

01:53:29,830 --> 01:53:27,979

seemed to be both at once and nobody

2383

01:53:32,649 --> 01:53:29,840

could figure that out and one of the

2384

01:53:34,629 --> 01:53:32,659

hypotheses was that there were multi you

2385

01:53:36,759 --> 01:53:34,639

know that different universes were

2386

01:53:39,640 --> 01:53:36,769

created depending on what was observed

2387

01:53:41,620 --> 01:53:39,650

but that's not like a sign that that's

2388

01:53:43,149 --> 01:53:41,630

not all that is is an idea that was

2389

01:53:44,739 --> 01:53:43,159

thrown out it's not something that's

2390

01:53:47,169 --> 01:53:44,749

been scientifically tested and validated

2391

01:53:48,939 --> 01:53:47,179

so a lot of times what happens in the

2392

01:53:51,580 --> 01:53:48,949

media is things like that get picked up

2393

01:53:54,219 --> 01:53:51,590

and reported as if they are valid

2394

01:53:55,299 --> 01:53:54,229

scientific truth and that's kind of what

2395

01:54:00,029 --> 01:53:55,309

happened with the universe is a

2396

01:54:02,290 --> 01:54:00,039

simulation thing you know I went through

2397

01:54:03,489 --> 01:54:02,300

we got to hit a break here in about two

2398

01:54:05,410 --> 01:54:03,499

minutes but I went through a heavy

2399

01:54:10,659 --> 01:54:05,420

amount of research over the last year

2400

01:54:13,060 --> 01:54:10,669

into simulation theory and the

2401  
01:54:16,589 --> 01:54:13,070  
those that are you know like Leonard

2402  
01:54:19,239 --> 01:54:16,599  
Susskind and you know these theoretical

2403  
01:54:23,199 --> 01:54:19,249  
physicists in quantum these guys are

2404  
01:54:27,029 --> 01:54:23,209  
very very bright and for them to step

2405  
01:54:30,790 --> 01:54:27,039  
back and say hey well you know actually

2406  
01:54:33,040 --> 01:54:30,800  
this is possible so it's a rabbit hole

2407  
01:54:34,989 --> 01:54:33,050  
right Jason you go down this rabbit hole

2408  
01:54:40,449 --> 01:54:34,999  
you listen to these guys that are a lot

2409  
01:54:44,949 --> 01:54:40,459  
smarter than I am and I don't think that

2410  
01:54:47,939 --> 01:54:44,959  
they could be I think succored is the

2411  
01:54:50,709 --> 01:54:47,949  
wrong word but pulled down a road that

2412  
01:54:52,569 --> 01:54:50,719  
they wouldn't feel comfortable with

2413  
01:54:54,939 --> 01:54:52,579

unless there was some scientific fact

2414

01:54:57,810 --> 01:54:54,949

behind it and that's the frightening

2415

01:55:00,219 --> 01:54:57,820

part was when you go and listen to these

2416

01:55:02,560 --> 01:55:00,229

theoretical physicists and these string

2417

01:55:05,409 --> 01:55:02,570

theory guys in these quantum guys where

2418

01:55:08,799 --> 01:55:05,419

they are suggesting just that well you

2419

01:55:10,899 --> 01:55:08,809

know math is math and and this could be

2420

01:55:13,689 --> 01:55:10,909

a simulation and that's that's what's

2421

01:55:15,189 --> 01:55:13,699

scary to me is you start to believe

2422

01:55:17,259 --> 01:55:15,199

because these are people that are

2423

01:55:20,199 --> 01:55:17,269

smarter than you you know what I mean

2424

01:55:22,209 --> 01:55:20,209

right but they could also be saying you

2425

01:55:24,699 --> 01:55:22,219

know just saying it's possible all that

2426

01:55:27,429 --> 01:55:24,709

that may mean is we haven't you know we

2427

01:55:29,080 --> 01:55:27,439

haven't tested it but we can't you know

2428

01:55:30,310 --> 01:55:29,090

for the scientific just in the

2429

01:55:32,169 --> 01:55:30,320

scientific discourse I mean what they

2430

01:55:36,520 --> 01:55:32,179

may be saying by saying it's possible is

2431

01:55:38,020 --> 01:55:36,530

just that we can't invalidate it you

2432

01:55:40,179 --> 01:55:38,030

know that we can't say that it's not

2433

01:55:41,830 --> 01:55:40,189

true based on current data but that it

2434

01:55:44,049 --> 01:55:41,840

you know maybe the experiments could be

2435

01:55:45,520 --> 01:55:44,059

done to determine it so you know they're

2436

01:55:47,109 --> 01:55:45,530

not saying that it's true they're just

2437

01:55:49,149 --> 01:55:47,119

saying that you know we can't say it's

2438

01:55:51,759 --> 01:55:49,159

not true but that doesn't necessarily

2439

01:55:53,589 --> 01:55:51,769

mean that it's the case but you know in

2440

01:55:55,270 --> 01:55:53,599

terms of simulation theory is the

2441

01:55:57,339 --> 01:55:55,280

universe of simulation well I mean this

2442

01:55:58,870 --> 01:55:57,349

is what every religion says it's you

2443

01:56:01,080 --> 01:55:58,880

know if you believe in God then you

2444

01:56:03,509 --> 01:56:01,090

believe that the universe is is you know

2445

01:56:06,969 --> 01:56:03,519

creation it's the same as a simulation

2446

01:56:09,819 --> 01:56:06,979

so I think for spiritual people this is

2447

01:56:11,500 --> 01:56:09,829

not so disconcerting but wow that's a

2448

01:56:13,509 --> 01:56:11,510

heavy thought that one I got a

2449

01:56:14,709 --> 01:56:13,519

contemplate during this commercial right

2450

01:56:16,629 --> 01:56:14,719

that is heavy

2451  
01:56:19,779 --> 01:56:16,639  
that's heavy that was good that was good

2452  
01:56:21,669 --> 01:56:19,789  
our guest tonight Jason Lou we're

2453  
01:56:22,080 --> 01:56:21,679  
talking tech we're gonna pick up more we

2454  
01:56:23,280 --> 01:56:22,090  
left

2455  
01:56:24,990 --> 01:56:23,290  
right after this short break I

2456  
01:56:26,060 --> 01:56:25,000  
marichoube you church this is fade to

2457  
01:56:39,750 --> 01:56:26,070  
black stay with us

2458  
01:56:46,360 --> 01:56:43,030  
this is kg are a digital broadcasting

2459  
01:56:50,440 --> 01:56:46,370  
station Salt Lake City Utah Van Buren

2460  
01:56:52,930 --> 01:56:50,450  
Arkansas okay let's get this man to the

2461  
01:56:55,480 --> 01:56:52,940  
ER stat right away doctor we see this

2462  
01:56:57,490 --> 01:56:55,490  
every day heart attack or angina pain

2463  
01:57:00,070 --> 01:56:57,500

due to blocked and clogged arteries

2464

01:57:01,990 --> 01:57:00,080

chelation can remove obstructions or

2465

01:57:03,910 --> 01:57:02,000

blockages from arteries and help avoid

2466

01:57:06,580 --> 01:57:03,920

painful and expensive surgery

2467

01:57:08,260 --> 01:57:06,590

now there's angiogram it's a liquid oral

2468

01:57:10,630 --> 01:57:08,270

chelation product that you take with

2469

01:57:12,970 --> 01:57:10,640

juice you start to feel the results fast

2470

01:57:14,560 --> 01:57:12,980

angio primm increases blood flow all

2471

01:57:16,870 --> 01:57:14,570

over the body and that means more energy

2472

01:57:19,390 --> 01:57:16,880

and strength to take on the day with

2473

01:57:21,430 --> 01:57:19,400

less aches and pains 60 years of

2474

01:57:24,550 --> 01:57:21,440

research has gone into chelation and

2475

01:57:26,800 --> 01:57:24,560

angiogram is the result a safe and easy

2476  
01:57:28,960 --> 01:57:26,810  
way to unblock your veins and arteries

2477  
01:57:30,820 --> 01:57:28,970  
from buildup that slow circulation

2478  
01:57:31,960 --> 01:57:30,830  
shaping dr. Jones please report to the

2479  
01:57:33,790 --> 01:57:31,970  
emergency room right away

2480  
01:57:36,550 --> 01:57:33,800  
log on now for a special radio offer

2481  
01:57:41,680 --> 01:57:36,560  
from angio primm that's angio prim calm

2482  
01:57:45,550 --> 01:57:41,690  
/ radio ang io PRI M angio prim calm /

2483  
01:57:47,350 --> 01:57:45,560  
radio are call 877 8 a 270 221 that's

2484  
01:57:51,310 --> 01:57:47,360  
eight seven seven eight a two seventy

2485  
01:57:54,760 --> 01:57:51,320  
two twenty one so you love talk radio

2486  
01:57:58,330 --> 01:57:54,770  
then you'll love talk stream live.com

2487  
01:58:00,460 --> 01:57:58,340  
talk stream live is always on 24/7 with

2488  
01:58:02,440 --> 01:58:00,470

the best streaming talk shows find your

2489

01:58:04,720 --> 01:58:02,450

favorite talkers and discover some new

2490

01:58:07,750 --> 01:58:04,730

ones it's free readily available online

2491

01:58:09,640 --> 01:58:07,760

or on the smartphone or tablet finding

2492

01:58:12,160 --> 01:58:09,650

your favorite talk shows all in one

2493

01:58:14,950 --> 01:58:12,170

place has gotten a whole lot easier just

2494

01:58:16,930 --> 01:58:14,960

go to talk stream live.com be sure to

2495

01:58:21,190 --> 01:58:16,940

download the free apps from Google Play

2496

01:58:24,400 --> 01:58:21,200

or the itunes app store your contact for

2497

01:58:25,900 --> 01:58:24,410

current news and trending topics jgr a

2498

01:58:28,210 --> 01:58:25,910

radio.com

2499

01:58:30,490 --> 01:58:28,220

what can I say about the most popular

2500

01:58:33,100 --> 01:58:30,500

tea on the Internet and what a customers

2501

01:58:37,210 --> 01:58:33,110

say about life change tea at get the tea

2502

01:58:40,090 --> 01:58:37,220

calm a lot but by federal law we get the

2503

01:58:42,280 --> 01:58:40,100

t.com cannot make claims to how this

2504

01:58:44,290 --> 01:58:42,290

product can enhance your health we

2505

01:58:45,399 --> 01:58:44,300

cannot even post our testimonies without

2506

01:58:48,760 --> 01:58:45,409

being in compliance

2507

01:58:51,070 --> 01:58:48,770

so how do we get past the hump try our

2508

01:58:53,830 --> 01:58:51,080

products that get the tea calm and see

2509

01:58:57,090 --> 01:58:53,840

for yourself you can send us a testimony

2510

01:59:01,030 --> 01:58:57,100

but we just can't post it bumper

2511

01:59:02,709 --> 01:59:01,040

our products are GMO free and organic we

2512

01:59:05,080 --> 01:59:02,719

pride ourself in being the best we can

2513

01:59:07,810 --> 01:59:05,090

be and we urge you to take charge of

2514

01:59:09,879 --> 01:59:07,820

your health we're loving you're strong

2515

01:59:12,070 --> 01:59:09,889

and many of our customers have shared

2516

01:59:14,979 --> 01:59:12,080

their successes with friends and family

2517

01:59:19,200 --> 01:59:14,989

protect your colon log on to get the tea

2518

01:59:24,419 --> 01:59:19,210

calm that's get the t-dot-com get the

2519

01:59:26,590 --> 01:59:24,429

t.com get t-dot-com

2520

01:59:28,300 --> 01:59:26,600

did you know that when you're on the

2521

01:59:30,790 --> 01:59:28,310

road with limited data or Wi-Fi

2522

01:59:32,890 --> 01:59:30,800

available you can still listen to every

2523

01:59:35,470 --> 01:59:32,900

minute of fade to black by just calling

2524

01:59:38,530 --> 01:59:35,480

six oh five five six two four four eight

2525

01:59:41,020 --> 01:59:38,540

two no smartphone app or Internet needed

2526

01:59:43,629 --> 01:59:41,030

it saves your data plan and no extra

2527

01:59:46,419 --> 01:59:43,639

cost if you have unlimited minutes just

2528

01:59:48,580 --> 01:59:46,429

call six oh five five six two four four

2529

01:59:51,610 --> 01:59:48,590

eight two you can listen to me Jimmy

2530

01:59:58,160 --> 01:59:51,620

Church on any phone anytime anywhere

2531

01:59:58,170 --> 02:00:02,210

[Music]

2532

02:00:09,620 --> 02:00:06,960

you wanna know a secret I love ponies I

2533

02:00:12,180 --> 02:00:09,630

really love for this I'm serious I

2534

02:00:16,230 --> 02:00:12,190

couldn't stay sane without poor mr.

2535

02:00:21,320 --> 02:00:16,240

Brooks live fade to black because you

2536

02:00:25,320 --> 02:00:23,400

this is fade to black

2537

02:00:29,010 --> 02:00:25,330

with Jimmy Church on the game changer

2538

02:00:31,370 --> 02:00:29,020

radio network and K GRA the global radio

2539

02:00:43,340 --> 02:00:31,380

alliance

2540

02:00:48,900 --> 02:00:47,250

welcome back fade to black I'm use to

2541

02:00:53,670 --> 02:00:48,910

the church you can follow me on twitter

2542

02:00:57,960 --> 02:00:53,680

@jj radio you can follow Jason at Jason

2543

02:01:01,470 --> 02:00:57,970

Lou he's right there great conversation

2544

02:01:04,050 --> 02:01:01,480

about technology tonight and now Jason I

2545

02:01:08,130 --> 02:01:04,060

want to shift gears a little bit and and

2546

02:01:12,510 --> 02:01:08,140

talk about our privacy on the internet

2547

02:01:17,340 --> 02:01:12,520

and also are we at the point now where

2548

02:01:20,790 --> 02:01:17,350

we have to accept ourselves as a data

2549

02:01:23,760 --> 02:01:20,800

set that that is the nature of things

2550

02:01:29,010 --> 02:01:23,770

it's going to happen your personality

2551

02:01:31,290 --> 02:01:29,020

your traits our data and valuable data

2552

02:01:32,850 --> 02:01:31,300

and will be bought and sold and there's

2553

02:01:34,680 --> 02:01:32,860

not much you can do about it

2554

02:01:36,630 --> 02:01:34,690

yeah I mean well if you want to use

2555

02:01:40,410 --> 02:01:36,640

Facebook absolutely the Facebook of

2556

02:01:43,020 --> 02:01:40,420

course is the greatest intruder into

2557

02:01:46,110 --> 02:01:43,030

human privacy possibly in in human

2558

02:01:49,860 --> 02:01:46,120

history and then the other ones as well

2559

02:01:51,660 --> 02:01:49,870

and if you want to its that's kind of

2560

02:01:53,940 --> 02:01:51,670

the it's the it's the the devil's

2561

02:01:56,190 --> 02:01:53,950

bargain you know if you want to play you

2562

02:01:57,990 --> 02:01:56,200

want to get the Faustian power of

2563

02:02:01,190 --> 02:01:58,000

technology well you know the devil's

2564

02:02:03,630 --> 02:02:01,200

gotta get gotta get something too and

2565

02:02:05,190 --> 02:02:03,640

that's how it is currently I mean

2566

02:02:08,190 --> 02:02:05,200

there's things happening like the GDP

2567

02:02:09,810 --> 02:02:08,200

are in Europe you know things things are

2568

02:02:12,300 --> 02:02:09,820

certainly changing people are becoming

2569

02:02:13,800 --> 02:02:12,310

much more aware about about this there's

2570

02:02:15,990 --> 02:02:13,810

been a lot of pushback and I think the

2571

02:02:18,510 --> 02:02:16,000

people should be able to continue to

2572

02:02:24,450 --> 02:02:18,520

push back against invasion of their

2573

02:02:26,910 --> 02:02:24,460

privacy and but currently to all intents

2574

02:02:28,770 --> 02:02:26,920

and purposes yeah I mean if you've ever

2575

02:02:32,040 --> 02:02:28,780

used Facebook you're a data set if

2576

02:02:33,750 --> 02:02:32,050

you've ever used Google you're a data

2577

02:02:35,250 --> 02:02:33,760

set if you've ever used Amazon you're a

2578

02:02:37,320 --> 02:02:35,260

data set if you've ever used

2579

02:02:39,240 --> 02:02:37,330

you know net if you've ever been on the

2580

02:02:40,920 --> 02:02:39,250

web yeah exactly you know but it's like

2581

02:02:44,100 --> 02:02:40,930

but would you be too honest with you

2582

02:02:46,650 --> 02:02:44,110

also you know as a small businessman and

2583

02:02:49,580 --> 02:02:46,660

you know doing business online and using

2584

02:02:54,180 --> 02:02:49,590

all these tools you know it's it's

2585

02:02:55,680 --> 02:02:54,190

the flip side of that is it's this this

2586

02:02:59,130 --> 02:02:55,690

the ability to do this is pretty much

2587

02:03:01,350 --> 02:02:59,140

democratized and it's never been easier

2588

02:03:04,410 --> 02:03:01,360

to start a business than now I mean

2589

02:03:06,330 --> 02:03:04,420

anybody can get on use Amazon web server

2590

02:03:09,270 --> 02:03:06,340

happens on cloud services or Google

2591

02:03:11,430 --> 02:03:09,280

cloud and use anyone can use Facebook

2592

02:03:14,520 --> 02:03:11,440

advertising to target just the you know

2593

02:03:16,440 --> 02:03:14,530

you can create a product and build a

2594

02:03:18,240 --> 02:03:16,450

webpage to sell it and then use Facebook

2595

02:03:21,390 --> 02:03:18,250

Ads to target exactly the people that

2596

02:03:24,000 --> 02:03:21,400

you know want to buy it and and so this

2597

02:03:26,040 --> 02:03:24,010

isn't it's not like this stuff is only

2598

02:03:27,870 --> 02:03:26,050

in the hands of big corporations it's

2599

02:03:29,760 --> 02:03:27,880

it's it's also in the hands of anybody

2600

02:03:33,330 --> 02:03:29,770

who's willing to learn how to use it and

2601  
02:03:36,180 --> 02:03:33,340  
it's not that hard to learn so I think

2602  
02:03:37,410 --> 02:03:36,190  
it's just part of its part of the

2603  
02:03:40,920 --> 02:03:37,420  
evolutionary process and the

2604  
02:03:42,480 --> 02:03:40,930  
evolutionary curve and it's it's you

2605  
02:03:44,700 --> 02:03:42,490  
know it's good and bad but there's a lot

2606  
02:03:46,230 --> 02:03:44,710  
of good you know I I would not want to

2607  
02:03:48,930 --> 02:03:46,240  
live at any other time in history than

2608  
02:03:50,610 --> 02:03:48,940  
this you know for a guy as nerdy as I am

2609  
02:03:53,310 --> 02:03:50,620  
technology allows me to live a pretty

2610  
02:03:57,480 --> 02:03:53,320  
good lifestyle yeah and and I can

2611  
02:03:59,790 --> 02:03:57,490  
appreciate all of that too but I again

2612  
02:04:04,440 --> 02:03:59,800  
to use the word flip side the other side

2613  
02:04:08,720 --> 02:04:04,450

of this is so many millions hundreds of

2614

02:04:11,250 --> 02:04:08,730

millions were shocked to find out that

2615

02:04:14,220 --> 02:04:11,260

this type of collection was going on

2616

02:04:18,780 --> 02:04:14,230

when I went and looked at my facebook

2617

02:04:21,930 --> 02:04:18,790

file mine was 1.2 gigabytes

2618

02:04:24,270 --> 02:04:21,940

I did notice others that were saying it

2619

02:04:29,160 --> 02:04:24,280

was 250 megabytes or was 300 megabytes

2620

02:04:33,450 --> 02:04:29,170

but I went and looked and the the amount

2621

02:04:36,180 --> 02:04:33,460

of data that was there which was phone

2622

02:04:38,220 --> 02:04:36,190

numbers of contacts and people and and

2623

02:04:41,340 --> 02:04:38,230

and named it some that I had never

2624

02:04:45,540 --> 02:04:41,350

contacted before certainly there was

2625

02:04:49,140 --> 02:04:45,550

information there in my data file that

2626

02:04:51,720 --> 02:04:49,150

wasn't stuff that I had had and I'm

2627

02:04:53,820 --> 02:04:51,730

talking about personal information on

2628

02:04:57,000 --> 02:04:53,830

others and you go down there and you

2629

02:04:59,700 --> 02:04:57,010

look and there's phone numbers and and

2630

02:05:02,640 --> 02:04:59,710

addresses and information for people

2631

02:05:06,300 --> 02:05:02,650

that I don't even know but yet there

2632

02:05:08,910 --> 02:05:06,310

my facebook file and that's a

2633

02:05:11,040 --> 02:05:08,920

frightening thought what what if I'll

2634

02:05:12,170 --> 02:05:11,050

give you an example of where I think

2635

02:05:18,620 --> 02:05:12,180

this could be used in the wrong way

2636

02:05:21,710 --> 02:05:18,630

somebody gets arrested for murder in

2637

02:05:23,970 --> 02:05:21,720

Louisiana I don't know this person

2638

02:05:25,770 --> 02:05:23,980

they're not in my phonebook I've never

2639

02:05:26,460 --> 02:05:25,780

talked to him I don't know anything

2640

02:05:28,890 --> 02:05:26,470

about them

2641

02:05:31,830 --> 02:05:28,900

but they go through their data file and

2642

02:05:35,730 --> 02:05:31,840

I pop up on there and I get a phone call

2643

02:05:39,330 --> 02:05:35,740

in an investigation for somebody that I

2644

02:05:40,830 --> 02:05:39,340

know nothing about and that's and and

2645

02:05:45,900 --> 02:05:40,840

now they're starting to connect these

2646

02:05:48,480 --> 02:05:45,910

dots through a spiderweb of somebody

2647

02:05:51,090 --> 02:05:48,490

that two people that have never met that

2648

02:05:54,870 --> 02:05:51,100

know nothing about each other and yeah

2649

02:05:56,490 --> 02:05:54,880

sure but hey I mean have you ever have

2650

02:05:58,770 --> 02:05:56,500

you ever looked at the technology the

2651  
02:06:01,110 --> 02:05:58,780  
private investigators have yeah and see

2652  
02:06:03,990 --> 02:06:01,120  
yes yes and that's the that's the other

2653  
02:06:12,030 --> 02:06:04,000  
powers actually gonna go there the the

2654  
02:06:12,840 --> 02:06:12,040  
the one of the biggest how do I want to

2655  
02:06:14,520 --> 02:06:12,850  
say this I don't want to say

2656  
02:06:18,000 --> 02:06:14,530  
money-making but certainly that's what

2657  
02:06:20,310 --> 02:06:18,010  
it is is data collection and there are

2658  
02:06:24,930 --> 02:06:20,320  
companies out there that literally have

2659  
02:06:28,740 --> 02:06:24,940  
a data file file on every single person

2660  
02:06:33,030 --> 02:06:28,750  
in the United States every single one

2661  
02:06:36,630 --> 02:06:33,040  
nobody is off that list and the number

2662  
02:06:39,420 --> 02:06:36,640  
one and I've read so much on this the

2663  
02:06:43,560 --> 02:06:39,430

number one data set that they want to

2664

02:06:47,010 --> 02:06:43,570

acquire first is a newborn because now

2665

02:06:50,430 --> 02:06:47,020

from day one you are able to get their

2666

02:06:52,710 --> 02:06:50,440

complete personality on file not from

2667

02:06:55,200 --> 02:06:52,720

somebody that's 35 right

2668

02:06:57,390 --> 02:06:55,210

okay you want somebody's traits and

2669

02:07:00,660 --> 02:06:57,400

habits from the day that they are born

2670

02:07:04,470 --> 02:07:00,670

and and that's where they go first these

2671

02:07:06,630 --> 02:07:04,480

days now that that to me is is not cool

2672

02:07:10,450 --> 02:07:06,640

but it's where we are and I don't know

2673

02:07:13,030 --> 02:07:10,460

if that can be reversed it simply can't

2674

02:07:14,140 --> 02:07:13,040

right I mean one of the the point I was

2675

02:07:16,500 --> 02:07:14,150

gonna make about the private

2676

02:07:18,850 --> 02:07:16,510

investigator database is anybody with a

2677

02:07:21,040 --> 02:07:18,860

licensed private license to be a private

2678

02:07:22,390 --> 02:07:21,050

investigator can it get access you know

2679

02:07:24,370 --> 02:07:22,400

for a small amount of money to a

2680

02:07:28,240 --> 02:07:24,380

database where they can look you up and

2681

02:07:30,460 --> 02:07:28,250

see a visual web of everyone in your

2682

02:07:32,470 --> 02:07:30,470

social circle everyone you've been

2683

02:07:35,110 --> 02:07:32,480

connected to relatives who they're

2684

02:07:37,660 --> 02:07:35,120

connected to like you know three three

2685

02:07:39,460 --> 02:07:37,670

levels out everywhere you've lived so

2686

02:07:43,390 --> 02:07:39,470

it's not like that information isn't

2687

02:07:45,460 --> 02:07:43,400

already there but of course you know the

2688

02:07:48,610 --> 02:07:45,470

name of the gold of the future is data

2689

02:07:50,320 --> 02:07:48,620

data is the most valuable substance on

2690

02:07:52,600 --> 02:07:50,330

the planet at the moment that's why all

2691

02:07:55,030 --> 02:07:52,610

these companies want it that's why these

2692

02:07:57,280 --> 02:07:55,040

big companies like Facebook ok Facebook

2693

02:07:59,320 --> 02:07:57,290

is is Facebook really a social media

2694

02:08:02,800 --> 02:07:59,330

company no they're a data collection

2695

02:08:05,200 --> 02:08:02,810

company and that data is really really

2696

02:08:07,200 --> 02:08:05,210

important for many reasons one is of

2697

02:08:09,490 --> 02:08:07,210

course the ability to collect

2698

02:08:11,170 --> 02:08:09,500

information about people that allows

2699

02:08:12,940 --> 02:08:11,180

advertising to be served to them

2700

02:08:15,430 --> 02:08:12,950

accurately that's you know advertising

2701  
02:08:18,340 --> 02:08:15,440  
is how Google and Facebook have become

2702  
02:08:20,410 --> 02:08:18,350  
the among the biggest companies on the

2703  
02:08:22,360 --> 02:08:20,420  
planet and of course working with Amazon

2704  
02:08:24,430 --> 02:08:22,370  
you know that's a that's how Amazon has

2705  
02:08:27,910 --> 02:08:24,440  
become the biggest retailer on the

2706  
02:08:30,700 --> 02:08:27,920  
planet but the other one is is training

2707  
02:08:33,220 --> 02:08:30,710  
a is it's not just predictive analysis

2708  
02:08:35,260 --> 02:08:33,230  
and and in advertising but it's it's

2709  
02:08:37,390 --> 02:08:35,270  
training a eyes that's that's the next

2710  
02:08:42,910 --> 02:08:37,400  
level of this putting machine out of

2711  
02:08:47,650 --> 02:08:42,920  
machine learning algorithms to it I I

2712  
02:08:53,800 --> 02:08:47,660  
went and signed up this is a while ago

2713  
02:08:55,330 --> 02:08:53,810

but a credit protection agency which one

2714

02:08:58,330 --> 02:08:55,340

but you know one of the big names right

2715

02:09:00,700 --> 02:08:58,340

so I go and I get it and one of the you

2716

02:09:06,730 --> 02:09:00,710

know so I get the premium deluxe package

2717

02:09:09,790 --> 02:09:06,740

right and one of so one of the buttons

2718

02:09:12,430 --> 02:09:09,800

as I login right there's is it's like

2719

02:09:16,510 --> 02:09:12,440

your history right so I go and I click

2720

02:09:20,460 --> 02:09:16,520

on that and okay I expected certain

2721

02:09:23,830 --> 02:09:20,470

things there were things there that I

2722

02:09:26,979 --> 02:09:23,840

forgot and didn't remember

2723

02:09:30,729 --> 02:09:26,989

for instance where I went to an

2724

02:09:34,180 --> 02:09:30,739

elementary school in Kalamazoo for like

2725

02:09:36,100 --> 02:09:34,190

three months in the second grade I it's

2726

02:09:38,560 --> 02:09:36,110

listed right there and I forgot the name

2727

02:09:40,859 --> 02:09:38,570

of the school but it's there and there

2728

02:09:44,280 --> 02:09:40,869

was a chronological history of

2729

02:09:48,850 --> 02:09:44,290

everywhere that I lived on this planet

2730

02:09:51,010 --> 02:09:48,860

from when I was a kid now not as an

2731

02:09:53,439 --> 02:09:51,020

adult where you where you know that

2732

02:09:53,740 --> 02:09:53,449

you're in the system but I'm talking

2733

02:09:56,379 --> 02:09:53,750

about

2734

02:10:01,120 --> 02:09:56,389

two three four five six seven eight

2735

02:10:06,399 --> 02:10:01,130

years old and that to me was disturbing

2736

02:10:09,850 --> 02:10:06,409

and that was public m'as to it but it's

2737

02:10:11,680 --> 02:10:09,860

in their database that's nothing that's

2738

02:10:13,149 --> 02:10:11,690

nothing new that's nothing new I mean

2739

02:10:17,530 --> 02:10:13,159

that's just the reality of the world

2740

02:10:19,089 --> 02:10:17,540

that we live in right now so I hadn't be

2741

02:10:20,859 --> 02:10:19,099

disturbed by it but I mean that's been

2742

02:10:22,300 --> 02:10:20,869

things like that I mean federal

2743

02:10:25,450 --> 02:10:22,310

databases and things like that that's

2744

02:10:27,459 --> 02:10:25,460

existed for a long time and how do we is

2745

02:10:31,660 --> 02:10:27,469

there a way to protect our information

2746

02:10:33,910 --> 02:10:31,670

how do you protect yours well that's a

2747

02:10:35,140 --> 02:10:33,920

pretty complicated question and and of

2748

02:10:37,959 --> 02:10:35,150

course the first question is what

2749

02:10:40,660 --> 02:10:37,969

information I mean yes you can opt out

2750

02:10:42,490 --> 02:10:40,670

of data collection in various ways you

2751

02:10:43,959 --> 02:10:42,500

can certainly the best way is just did

2752

02:10:45,520 --> 02:10:43,969

not use Facebook if you're really

2753

02:10:49,089 --> 02:10:45,530

concerned about privacy don't use

2754

02:10:52,560 --> 02:10:49,099

Facebook but you know there's a lot of

2755

02:10:55,750 --> 02:10:52,570

ways using VPNs using tor using

2756

02:10:57,339 --> 02:10:55,760

certainly there are you know here's the

2757

02:10:59,439 --> 02:10:57,349

bottom line if you really want to learn

2758

02:11:01,689 --> 02:10:59,449

how to protect your information go to

2759

02:11:03,040 --> 02:11:01,699

the electronic freedom foundation so

2760

02:11:05,979 --> 02:11:03,050

it's e F F dot org

2761

02:11:09,939 --> 02:11:05,989

and they have guides user guides on how

2762

02:11:12,160 --> 02:11:09,949

to maintain anonymity on the internet

2763

02:11:14,169 --> 02:11:12,170

and protect your information and there's

2764

02:11:16,930 --> 02:11:14,179

a lot of steps you know it's a real

2765

02:11:20,530 --> 02:11:16,940

multi-layered process but the big ones

2766

02:11:24,339 --> 02:11:20,540

are using a password manager using a VPN

2767

02:11:26,800 --> 02:11:24,349

using tor and then you can also get

2768

02:11:28,720 --> 02:11:26,810

browser extensions that will block all

2769

02:11:30,669 --> 02:11:28,730

external javascript and things like that

2770

02:11:33,220 --> 02:11:30,679

from collecting and scraping your data

2771

02:11:36,890 --> 02:11:33,230

so there's there's a lot there's a lot

2772

02:11:39,250 --> 02:11:36,900

can be done of course it's quite easy to

2773

02:11:41,750 --> 02:11:39,260

check your information from let's say

2774

02:11:42,830 --> 02:11:41,760

websites collecting it and Facebook and

2775

02:11:44,479 --> 02:11:42,840

things like that that's pretty

2776

02:11:46,340 --> 02:11:44,489

straightforward but when we talk about

2777

02:11:48,560 --> 02:11:46,350

pretty you know you know there's there's

2778

02:11:50,000 --> 02:11:48,570

no protection from the NSA or something

2779

02:11:52,780 --> 02:11:50,010

like that you know it's just this is not

2780

02:11:55,250 --> 02:11:52,790

gonna happen there's so advanced and you

2781

02:11:56,959 --> 02:11:55,260

know so it's like you just have to live

2782

02:11:59,120 --> 02:11:56,969

you have to live in a world where you

2783

02:12:02,000 --> 02:11:59,130

assume that you're in public all the

2784

02:12:03,800 --> 02:12:02,010

time and that's just the reality of it

2785

02:12:08,030 --> 02:12:03,810

now I mean that's just that's just where

2786

02:12:10,520 --> 02:12:08,040

we're at now there's one last thing that

2787

02:12:12,649 --> 02:12:10,530

I want to spend some time on tonight

2788

02:12:15,640 --> 02:12:12,659

which is when we talk about Big Brother

2789

02:12:18,830 --> 02:12:15,650

when we talk about information we can't

2790

02:12:20,740 --> 02:12:18,840

escape that subject without talking

2791

02:12:23,140 --> 02:12:20,750

about fake news what we went through in

2792

02:12:25,370 --> 02:12:23,150

2016 we saw it coming

2793

02:12:28,220 --> 02:12:25,380

certainly we've been warned about it for

2794

02:12:31,149 --> 02:12:28,230

a long time but we were faced with it on

2795

02:12:33,770 --> 02:12:31,159

a global scale this wasn't anything

2796

02:12:35,780 --> 02:12:33,780

isolated to any one country the internet

2797

02:12:41,709 --> 02:12:35,790

reaches around the world that's a given

2798

02:12:44,899 --> 02:12:41,719

but now we have to use our best judgment

2799

02:12:49,550 --> 02:12:44,909

constantly on what is real and what is

2800

02:12:52,550 --> 02:12:49,560

not and the mass media is was also and

2801  
02:12:55,040 --> 02:12:52,560  
still continues to to be a part of that

2802  
02:13:00,410 --> 02:12:55,050  
too as well and other websites out there

2803  
02:13:04,729 --> 02:13:00,420  
where they can guide emotion and and

2804  
02:13:06,860 --> 02:13:04,739  
fool people what again I realized this

2805  
02:13:10,729 --> 02:13:06,870  
is the world that we are living in but

2806  
02:13:12,649 --> 02:13:10,739  
what do we do about this learn how to

2807  
02:13:15,290 --> 02:13:12,659  
think critically I mean it's the same

2808  
02:13:17,959 --> 02:13:15,300  
it's this look I mean what did we do

2809  
02:13:19,970 --> 02:13:17,969  
with television with broadcast TV and

2810  
02:13:21,320 --> 02:13:19,980  
cable I mean you don't think those were

2811  
02:13:22,939 --> 02:13:21,330  
manipulating your emotions

2812  
02:13:25,160 --> 02:13:22,949  
that's right selling you a false reality

2813  
02:13:27,110 --> 02:13:25,170

it's not any different it's just a

2814

02:13:30,350 --> 02:13:27,120

little bit more frantic and sped up now

2815

02:13:33,950 --> 02:13:30,360

so you know I I think that the the two

2816

02:13:36,890 --> 02:13:33,960

things that the two things that I really

2817

02:13:40,939 --> 02:13:36,900

try to hit people to or urge people to

2818

02:13:43,160 --> 02:13:40,949

investigate one is media literacy

2819

02:13:45,439 --> 02:13:43,170

critical thinking you know take a class

2820

02:13:47,360 --> 02:13:45,449

on media literacy or read a book on you

2821

02:13:49,010 --> 02:13:47,370

know understand how the media works the

2822

02:13:50,450 --> 02:13:49,020

media is not your friend and it's not

2823

02:13:52,670 --> 02:13:50,460

because there's sinister organs

2824

02:13:56,600 --> 02:13:52,680

territorial it's because their business

2825

02:13:58,490 --> 02:13:56,610

model is to drive attention to sell ads

2826  
02:14:01,490 --> 02:13:58,500  
that's the business model of the media

2827  
02:14:05,300 --> 02:14:01,500  
and they figured out about four years

2828  
02:14:07,910 --> 02:14:05,310  
ago that rage anger is the most viral

2829  
02:14:09,740 --> 02:14:07,920  
emotion so all of these media sources

2830  
02:14:11,810 --> 02:14:09,750  
started trying to make people outraged

2831  
02:14:13,550 --> 02:14:11,820  
about things all the time with headlines

2832  
02:14:16,310 --> 02:14:13,560  
and clickbait and things like that and

2833  
02:14:18,640 --> 02:14:16,320  
we saw that fuel the election on both

2834  
02:14:22,190 --> 02:14:18,650  
sides of the political spectrum right

2835  
02:14:23,900 --> 02:14:22,200  
and it's it's non partisan it's just is

2836  
02:14:26,930 --> 02:14:23,910  
it's just how bit the technology has

2837  
02:14:28,130 --> 02:14:26,940  
been being abused and you know I've

2838  
02:14:30,320 --> 02:14:28,140

worked in the media for my whole life

2839

02:14:31,700 --> 02:14:30,330

I've run media sites and things like

2840

02:14:35,300 --> 02:14:31,710

that so I know how the game is played

2841

02:14:38,120 --> 02:14:35,310

and the media is not your friend there

2842

02:14:40,430 --> 02:14:38,130

they're there to sell ads okay like and

2843

02:14:42,350 --> 02:14:40,440

and just to get your eyeballs on the ads

2844

02:14:43,880 --> 02:14:42,360

they will do anything to get your

2845

02:14:45,430 --> 02:14:43,890

attention that's that that's the

2846

02:14:49,270 --> 02:14:45,440

business model that's how it works so

2847

02:14:51,530 --> 02:14:49,280

the other thing is scientific literacy

2848

02:14:53,090 --> 02:14:51,540

that that's what we need more than

2849

02:14:54,920 --> 02:14:53,100

anything and I know this is this is a

2850

02:14:56,450 --> 02:14:54,930

bit fresh coming from a guy like me but

2851  
02:14:59,140 --> 02:14:56,460  
you know what it's a guy like me saying

2852  
02:15:02,570 --> 02:14:59,150  
that you know it's like a really serious

2853  
02:15:05,600 --> 02:15:02,580  
but you know what I'm one of my favorite

2854  
02:15:07,850 --> 02:15:05,610  
things that I've one of the most most

2855  
02:15:10,459 --> 02:15:07,860  
intense experiences I've had I listen to

2856  
02:15:12,860 --> 02:15:10,469  
this course called your deceptive mind

2857  
02:15:14,000 --> 02:15:12,870  
by Steve dr. Steven novella who's a

2858  
02:15:16,940 --> 02:15:14,010  
neuroscientist

2859  
02:15:20,240 --> 02:15:16,950  
and he it's it's it's several hours long

2860  
02:15:23,000 --> 02:15:20,250  
and it's just about how our minds it's

2861  
02:15:25,190 --> 02:15:23,010  
not only that the media deceives

2862  
02:15:27,830 --> 02:15:25,200  
deceives us our own minds deceive us

2863  
02:15:29,150 --> 02:15:27,840

because if you don't understand science

2864

02:15:31,040 --> 02:15:29,160

if you don't understand it's the

2865

02:15:34,610 --> 02:15:31,050

scientific method is a check against

2866

02:15:36,380 --> 02:15:34,620

human delusion and being led around by

2867

02:15:38,630 --> 02:15:36,390

your own emotions and wishful thinking

2868

02:15:41,180 --> 02:15:38,640

and and confirmation bias and what we

2869

02:15:43,580 --> 02:15:41,190

wish to be true that's that's the

2870

02:15:45,080 --> 02:15:43,590

biggest problem it's not the technology

2871

02:15:48,200 --> 02:15:45,090

the technology and the technology

2872

02:15:52,250 --> 02:15:48,210

enables our worst aspects the technology

2873

02:15:55,160 --> 02:15:52,260

just enables us the issue is that we we

2874

02:15:57,770 --> 02:15:55,170

assume what is true what we want to be

2875

02:16:00,320 --> 02:15:57,780

true that's the problem that's the bug

2876

02:16:02,000 --> 02:16:00,330

in human consciousness we want something

2877

02:16:03,590 --> 02:16:02,010

to when you want something to be true

2878

02:16:04,370 --> 02:16:03,600

you will look for evidence of it being

2879

02:16:06,050 --> 02:16:04,380

true

2880

02:16:08,630 --> 02:16:06,060

you will discount evidence of it not

2881

02:16:10,760 --> 02:16:08,640

being true and if that fundamental

2882

02:16:14,000 --> 02:16:10,770

cognitive bias is not checked by

2883

02:16:16,160 --> 02:16:14,010

something like either this you know the

2884

02:16:17,540 --> 02:16:16,170

scientific method or just hanging out

2885

02:16:20,900 --> 02:16:17,550

and talking to people that don't agree

2886

02:16:24,200 --> 02:16:20,910

with you then you you just end up in a

2887

02:16:25,880 --> 02:16:24,210

tunnel of delusion and so I think yeah

2888

02:16:27,920 --> 02:16:25,890

critical thinking scientific thinking

2889

02:16:29,810 --> 02:16:27,930

media literacy but it's the same now as

2890

02:16:31,340 --> 02:16:29,820

it's ever been I mean you you look back

2891

02:16:34,450 --> 02:16:31,350

at the Middle Ages look at the crazy

2892

02:16:37,940 --> 02:16:34,460

stuff they believed you know or you know

2893

02:16:40,760 --> 02:16:37,950

you know this is not a new problem yeah

2894

02:16:45,310 --> 02:16:40,770

when humanity is superstitious it's

2895

02:16:51,050 --> 02:16:45,320

crazy for me to look back at what we

2896

02:16:52,700 --> 02:16:51,060

experienced in 2016 I had said I must

2897

02:16:54,020 --> 02:16:52,710

have said it a thousand times on this

2898

02:16:58,310 --> 02:16:54,030

program over the years

2899

02:17:01,520 --> 02:16:58,320

take whatever news headline that's your

2900

02:17:03,470 --> 02:17:01,530

reading flip it over 180 degrees and

2901  
02:17:07,310 --> 02:17:03,480  
then you're probably closer to the truth

2902  
02:17:10,820 --> 02:17:07,320  
and and what I had said as an example

2903  
02:17:14,060 --> 02:17:10,830  
Jason is the headline reads cheddar

2904  
02:17:17,930 --> 02:17:14,070  
cheese will kill you that's the headline

2905  
02:17:20,690 --> 02:17:17,940  
right okay well the truth is cheddar

2906  
02:17:24,291 --> 02:17:20,700  
cheese will make you live longer right

2907  
02:17:27,890 --> 02:17:24,301  
but but whatever it is flip it over and

2908  
02:17:31,371 --> 02:17:27,900  
then and I tried to drive that home and

2909  
02:17:35,541 --> 02:17:31,381  
when when the fake news stuff started to

2910  
02:17:39,650 --> 02:17:35,551  
happen from Macedonia or whatever who

2911  
02:17:42,020 --> 02:17:39,660  
was coming out when all of those stories

2912  
02:17:46,030 --> 02:17:42,030  
started to break and I would see two

2913  
02:17:49,250 --> 02:17:46,040

identical stories one that said I'm

2914

02:17:57,220 --> 02:17:49,260

making this up I'm paraphrasing but one

2915

02:18:06,140 --> 02:18:02,210

reading Donald Trump's emails and sexual

2916

02:18:10,340 --> 02:18:06,150

acts with with you know rabbits right so

2917

02:18:14,480 --> 02:18:10,350

and then and then right after that Trump

2918

02:18:16,730 --> 02:18:14,490

arrested today for you know for sexual

2919

02:18:18,439 --> 02:18:16,740

acts with rabbits it is just like and

2920

02:18:21,950 --> 02:18:18,449

and everybody flame

2921

02:18:24,200 --> 02:18:21,960

and believing what they were saying in

2922

02:18:26,120 --> 02:18:24,210

the in these thing and they wanted to

2923

02:18:28,160 --> 02:18:26,130

believe it and no matter what they

2924

02:18:30,259 --> 02:18:28,170

wouldn't go and and take it one step

2925

02:18:32,599 --> 02:18:30,269

further like you're saying go and check

2926

02:18:35,540 --> 02:18:32,609

the source of this that's all you got to

2927

02:18:38,450 --> 02:18:35,550

do find both sides you're right it was

2928

02:18:42,259 --> 02:18:38,460

not partisan it was all over the place

2929

02:18:45,200 --> 02:18:42,269

and it was it enabled everybody to just

2930

02:18:48,500 --> 02:18:45,210

argue and fight where they would never

2931

02:18:51,139 --> 02:18:48,510

fight before it was effective well

2932

02:18:53,089 --> 02:18:51,149

that's and that absolutely is the case

2933

02:18:55,490 --> 02:18:53,099

on both sides all sides of the political

2934

02:18:57,769 --> 02:18:55,500

fence and what what I came to realize is

2935

02:18:59,240 --> 02:18:57,779

that when people particularly it seems

2936

02:19:01,160 --> 02:18:59,250

to really be the case with Facebook

2937

02:19:03,320 --> 02:19:01,170

because Facebook is about sharing it's a

2938

02:19:05,689 --> 02:19:03,330

sharing medium and by its very nature

2939

02:19:07,009 --> 02:19:05,699

you're not looking at the whole of the

2940

02:19:08,899 --> 02:19:07,019

news when you read the New York Times

2941

02:19:10,219 --> 02:19:08,909

you get all of the news for the day when

2942

02:19:14,750 --> 02:19:10,229

you're looking on Facebook you just see

2943

02:19:17,389 --> 02:19:14,760

little bits and pieces flying by and the

2944

02:19:19,790 --> 02:19:17,399

thing is that when people share things

2945

02:19:21,559 --> 02:19:19,800

when they read things when they comment

2946

02:19:25,099 --> 02:19:21,569

on things and when they fight about

2947

02:19:26,269 --> 02:19:25,109

things there it's very rarely about

2948

02:19:28,280 --> 02:19:26,279

they're not concerned with what the

2949

02:19:29,899 --> 02:19:28,290

actual information is they're concerned

2950

02:19:31,790 --> 02:19:29,909

about the the feeling they're getting

2951  
02:19:33,679 --> 02:19:31,800  
the hit they're getting and what feeling

2952  
02:19:35,419 --> 02:19:33,689  
of anger the feeling of rage you see a

2953  
02:19:37,459 --> 02:19:35,429  
headline and you get angry that's that's

2954  
02:19:39,500 --> 02:19:37,469  
an addiction right you feel that you

2955  
02:19:43,160 --> 02:19:39,510  
become addicted to the feeling you seek

2956  
02:19:44,629 --> 02:19:43,170  
it out and the the feeling of fighting

2957  
02:19:46,459 --> 02:19:44,639  
other people the feeling of being right

2958  
02:19:49,010 --> 02:19:46,469  
I mean I know this because I've done so

2959  
02:19:51,439 --> 02:19:49,020  
much of it but but it's an addictive

2960  
02:19:53,920 --> 02:19:51,449  
feeling and I they know that and I know

2961  
02:19:57,559 --> 02:19:53,930  
and I you know when I was when I was

2962  
02:20:00,710 --> 02:19:57,569  
running more more frequently ultra

2963  
02:20:03,500 --> 02:20:00,720

culture my blog was covering political

2964

02:20:05,830 --> 02:20:03,510

things you know like you know I knew

2965

02:20:09,469 --> 02:20:05,840

that so I knew it was so easy for me to

2966

02:20:11,840 --> 02:20:09,479

manipulate the media by doing that I by

2967

02:20:13,790 --> 02:20:11,850

stoking people's rage I think I figure

2968

02:20:15,559 --> 02:20:13,800

that out this is way before fake news I

2969

02:20:18,290 --> 02:20:15,569

figured that out way before and most

2970

02:20:19,880 --> 02:20:18,300

people did and I was able to get for

2971

02:20:22,070 --> 02:20:19,890

instance I did some reporting on

2972

02:20:24,170 --> 02:20:22,080

Monsanto and and I figured out how how

2973

02:20:25,580 --> 02:20:24,180

they were manipulating the political

2974

02:20:27,500 --> 02:20:25,590

process and the media and things like

2975

02:20:29,149 --> 02:20:27,510

that and I wrote an article around it

2976

02:20:31,580 --> 02:20:29,159

and I was able to build up people's rage

2977

02:20:32,240 --> 02:20:31,590

around it then it got to like the top of

2978

02:20:34,280 --> 02:20:32,250

Reddit it was

2979

02:20:37,010 --> 02:20:34,290

number three article on reddit and I

2980

02:20:39,190 --> 02:20:37,020

just understood right then how easy it

2981

02:20:41,450 --> 02:20:39,200

was to manipulate the system by its

2982

02:20:43,040 --> 02:20:41,460

provoking people's emotions but then of

2983

02:20:46,490 --> 02:20:43,050

course we saw this used to such

2984

02:20:48,320 --> 02:20:46,500

devastating effect in the 2016 election

2985

02:20:50,720 --> 02:20:48,330

whether it was by Cambridge analytical

2986

02:20:53,210 --> 02:20:50,730

and Bannon or the Russians you know just

2987

02:20:54,860 --> 02:20:53,220

this wide scale you know I thought I was

2988

02:20:58,010 --> 02:20:54,870

clever figuring some of these this stuff

2989

02:21:00,140 --> 02:20:58,020

out to use it for good purposes but lo

2990

02:21:03,560 --> 02:21:00,150

and behold and an extra state Agora

2991

02:21:06,200 --> 02:21:03,570

another state actor can come in and just

2992

02:21:08,120 --> 02:21:06,210

you know throw the chess board and just

2993

02:21:10,130 --> 02:21:08,130

you know break down the entire political

2994

02:21:11,930 --> 02:21:10,140

process by manipulating things through

2995

02:21:15,680 --> 02:21:11,940

Facebook it's unbelievable

2996

02:21:19,040 --> 02:21:15,690

ya look at something you know satirical

2997

02:21:22,430 --> 02:21:19,050

like the onion brilliant writing really

2998

02:21:28,970 --> 02:21:22,440

funny I get it I know what I'm reading

2999

02:21:32,240 --> 02:21:28,980

at the time but yet even those other who

3000

02:21:35,330 --> 02:21:32,250

were quoting the onion on these crazy

3001  
02:21:41,420 --> 02:21:35,340  
funny stories but they never checked the

3002  
02:21:45,620 --> 02:21:41,430  
source and they just assumed that you're

3003  
02:21:48,020 --> 02:21:45,630  
right the rage the ability to to get

3004  
02:21:50,000 --> 02:21:48,030  
those whatever it is a chemical change

3005  
02:21:52,640 --> 02:21:50,010  
that is happening where they're enjoying

3006  
02:21:56,510 --> 02:21:52,650  
that part of it and they're not going

3007  
02:21:58,970 --> 02:21:56,520  
back and checking and I read today or I

3008  
02:22:02,480 --> 02:21:58,980  
think it was yesterday a very funny

3009  
02:22:05,960 --> 02:22:02,490  
article on on on the onion which was

3010  
02:22:09,440 --> 02:22:05,970  
Border Patrol agents listen to this

3011  
02:22:12,380 --> 02:22:09,450  
Jason Border Patrol agents throw

3012  
02:22:16,520 --> 02:22:12,390  
pregnant Mexican woman back over the

3013  
02:22:19,070 --> 02:22:16,530

wall I saw that right well I mean just

3014

02:22:21,050 --> 02:22:19,080

out rate the reactions on the internet

3015

02:22:23,870 --> 02:22:21,060

I'm like do you honestly believe that

3016

02:22:25,610 --> 02:22:23,880

that happened well I had to look twice

3017

02:22:27,800 --> 02:22:25,620

when I saw because things were so

3018

02:22:30,050 --> 02:22:27,810

unbelievably vicious and but it'll right

3019

02:22:31,520 --> 02:22:30,060

now that I realized it about a second

3020

02:22:32,630 --> 02:22:31,530

and that it was the onion but it's like

3021

02:22:34,340 --> 02:22:32,640

the weight thing the way things are

3022

02:22:39,470 --> 02:22:34,350

going you had I had to stop and just

3023

02:22:43,640 --> 02:22:39,480

like verify I you know and and I

3024

02:22:45,420 --> 02:22:43,650

appreciate the satire and when you read

3025

02:22:47,610 --> 02:22:45,430

something like that on the onion sir

3026

02:22:52,679 --> 02:22:47,620

have a I have a mind that enjoys that

3027

02:22:55,710 --> 02:22:52,689

stuff but it is a barometer of where we

3028

02:22:58,769 --> 02:22:55,720

are with society today the satire is

3029

02:23:01,800 --> 02:22:58,779

great this is what is is making

3030

02:23:03,840 --> 02:23:01,810

everybody mad is these kinds of stories

3031

02:23:07,320 --> 02:23:03,850

that's what the onion is trying to say

3032

02:23:10,620 --> 02:23:07,330

here right and and I get that but the

3033

02:23:13,229 --> 02:23:10,630

the the the the vast audience out there

3034

02:23:15,150 --> 02:23:13,239

just has blinders on you know and they

3035

02:23:17,130 --> 02:23:15,160

see that and they get outraged and the

3036

02:23:19,229 --> 02:23:17,140

next thing you know with all of those

3037

02:23:21,030 --> 02:23:19,239

immigration stuff going on well we're

3038

02:23:25,530 --> 02:23:21,040

also throwing pregnant women over the

3039

02:23:27,389 --> 02:23:25,540

walls you know I don't know what to do

3040

02:23:30,540 --> 02:23:27,399

with that well it's dangerous

3041

02:23:34,500 --> 02:23:30,550

and it's it's you know the deeper issue

3042

02:23:35,400 --> 02:23:34,510

is that it's but this is how human

3043

02:23:37,349 --> 02:23:35,410

consciousness works

3044

02:23:39,660 --> 02:23:37,359

anyways I mean Facebook demonstrates

3045

02:23:41,250 --> 02:23:39,670

confirmation bias we look for what we

3046

02:23:42,689 --> 02:23:41,260

want to be true and then assume it's

3047

02:23:45,559 --> 02:23:42,699

true and Facebook just makes that

3048

02:23:48,210 --> 02:23:45,569

literally not only literally tangibly

3049

02:23:51,150 --> 02:23:48,220

true and visible but also easy to

3050

02:23:53,429 --> 02:23:51,160

manipulate there is a great documentary

3051

02:23:56,660 --> 02:23:53,439

called hyper normalization put out by

3052

02:24:00,179 --> 02:23:56,670

Adam Kurdistan famous documentary maker

3053

02:24:01,469 --> 02:24:00,189

that goes into how much the Facebook

3054

02:24:03,540 --> 02:24:01,479

algorithms and the ton of the

3055

02:24:06,510 --> 02:24:03,550

information tunnels were responsible for

3056

02:24:09,719 --> 02:24:06,520

what happened in 2016 and draws

3057

02:24:12,269 --> 02:24:09,729

parallels to how propaganda you know how

3058

02:24:15,210 --> 02:24:12,279

state control is handled in Russia where

3059

02:24:18,000 --> 02:24:15,220

under Putin the doctrine you know Putin

3060

02:24:20,519 --> 02:24:18,010

has this guy named Surkov who's who has

3061

02:24:23,280 --> 02:24:20,529

figured out that the way to maintain

3062

02:24:26,189 --> 02:24:23,290

control over a population is not to

3063

02:24:28,559 --> 02:24:26,199

squash protest movements it's to

3064

02:24:30,330 --> 02:24:28,569

manufacture and create hundreds of

3065

02:24:33,979 --> 02:24:30,340

different protest movements all of which

3066

02:24:36,300 --> 02:24:33,989

have different agendas and then

3067

02:24:39,479 --> 02:24:36,310

propagate them into the public so nobody

3068

02:24:41,340 --> 02:24:39,489

knows what's going on and ya turn

3069

02:24:42,960 --> 02:24:41,350

everything into like a theater piece and

3070

02:24:46,229 --> 02:24:42,970

that's that's the same strategy they

3071

02:24:48,150 --> 02:24:46,239

used in hacking the election or hacking

3072

02:24:52,439 --> 02:24:48,160

Facebook and Twitter not hacking but but

3073

02:24:53,939 --> 02:24:52,449

manipulating Facebook in 2016 where they

3074

02:24:56,429 --> 02:24:53,949

were you know creating all these

3075

02:24:58,349 --> 02:24:56,439

Facebook pages for fake social groups

3076

02:24:58,920 --> 02:24:58,359

and it didn't matter what the social

3077

02:25:00,090 --> 02:24:58,930

group was with

3078

02:25:01,769 --> 02:25:00,100

protest group was you know they were

3079

02:25:03,360 --> 02:25:01,779

doing white nationalist pages they were

3080

02:25:07,920 --> 02:25:03,370

doing black lives matter they were doing

3081

02:25:11,700 --> 02:25:07,930

yes everything and and as long as they

3082

02:25:13,950 --> 02:25:11,710

could create confusion and they were

3083

02:25:16,860 --> 02:25:13,960

even organizing flash mobs from Russia

3084

02:25:18,389 --> 02:25:16,870

like creating events on Facebook to get

3085

02:25:20,880 --> 02:25:18,399

people to all show up in a public place

3086

02:25:23,010 --> 02:25:20,890

at once to in creating protests remotely

3087

02:25:26,790 --> 02:25:23,020

with nobody being the wiser that it was

3088

02:25:28,740 --> 02:25:26,800

coming from Russia so you know this is

3089

02:25:31,110 --> 02:25:28,750

this is this is pretty sophisticated

3090

02:25:33,030 --> 02:25:31,120

stuff China is now apparently kidding

3091

02:25:35,160 --> 02:25:33,040

getting in on the same act there they

3092

02:25:36,450 --> 02:25:35,170

were quite impressed by what Russia did

3093

02:25:38,309 --> 02:25:36,460

in the election and they're trying to

3094

02:25:40,260 --> 02:25:38,319

figure out how to do it also so yeah

3095

02:25:41,880 --> 02:25:40,270

this is the future of the school we live

3096

02:25:44,969 --> 02:25:41,890

in now yeah why not

3097

02:25:48,120 --> 02:25:44,979

why not it's it's genius when you think

3098

02:25:52,559 --> 02:25:48,130

about it and that's where we are the the

3099

02:25:54,660 --> 02:25:52,569

ability to if you have and I know this

3100

02:25:58,200 --> 02:25:54,670

sounds elemental but it's really true if

3101

02:25:59,719 --> 02:25:58,210

you have ten million five million ten

3102

02:26:04,559 --> 02:25:59,729

million Twitter followers

3103

02:26:08,580 --> 02:26:04,569

it only takes the click of a mouse to

3104

02:26:12,719 --> 02:26:08,590

change emotion in a nanosecond that's it

3105

02:26:15,840 --> 02:26:12,729

and and if you understand that which

3106

02:26:18,870 --> 02:26:15,850

many do now that's where we are today

3107

02:26:22,559 --> 02:26:18,880

and it just doesn't matter and we have

3108

02:26:24,800 --> 02:26:22,569

to figure out a way to use judgment like

3109

02:26:27,479 --> 02:26:24,810

you say and I'm totally with you on that

3110

02:26:29,490 --> 02:26:27,489

Jason I want to thank you just an

3111

02:26:31,320 --> 02:26:29,500

absolutely amazing conversation tonight

3112

02:26:34,769 --> 02:26:31,330

what are you working on now what's the

3113

02:26:36,630 --> 02:26:34,779

next book well I'm still promoting this

3114

02:26:38,700 --> 02:26:36,640

one so the new book is John D and the

3115

02:26:41,070 --> 02:26:38,710

Empire of angels the story of the last

3116

02:26:42,870 --> 02:26:41,080

500 years of occult history that's been

3117

02:26:44,760 --> 02:26:42,880

going on behind the scenes and the

3118

02:26:47,570 --> 02:26:44,770

secret societies that have been

3119

02:26:50,760 --> 02:26:47,580

manipulating history and consciousness

3120

02:26:53,070 --> 02:26:50,770

you can find all of my projects at Jason

3121

02:26:56,189 --> 02:26:53,080

live.com right now I'm putting a ton of

3122

02:26:57,570 --> 02:26:56,199

effort into my podcast which is you know

3123

02:27:00,389 --> 02:26:57,580

I've been getting all this equipment for

3124

02:27:01,860 --> 02:27:00,399

that is ultra culture with Jason Lube

3125

02:27:03,990 --> 02:27:01,870

you can find it anywhere you can find

3126  
02:27:06,719 --> 02:27:04,000  
podcasts for people who are interested

3127  
02:27:09,420 --> 02:27:06,729  
in the technology side I really urge you

3128  
02:27:12,350 --> 02:27:09,430  
to check out my course Bitcoin insider

3129  
02:27:13,461 --> 02:27:12,360  
which is Bitcoin insider do

3130  
02:27:16,251 --> 02:27:13,471  
should really be called blockchain

3131  
02:27:18,680 --> 02:27:16,261  
insider because it's the total training

3132  
02:27:22,100 --> 02:27:18,690  
on how to understand the blockchain how

3133  
02:27:23,841 --> 02:27:22,110  
to profit from it how to understand how

3134  
02:27:25,490 --> 02:27:23,851  
this Promethean technology is going to

3135  
02:27:27,921 --> 02:27:25,500  
change everything around us in the next

3136  
02:27:30,680 --> 02:27:27,931  
10 to 20 years that's the master course

3137  
02:27:34,640 --> 02:27:30,690  
in understanding Bitcoin blockchain and

3138  
02:27:37,131 --> 02:27:34,650

cryptocurrency both to personally profit

3139

02:27:39,350 --> 02:27:37,141

from it and to think about using it in

3140

02:27:42,591 --> 02:27:39,360

ways to do things other than just

3141

02:27:45,140 --> 02:27:42,601

focusing on money using it to create

3142

02:27:47,060 --> 02:27:45,150

companies to make your to do your job

3143

02:27:49,841 --> 02:27:47,070

better to bring to the company that you

3144

02:27:53,751 --> 02:27:49,851

work at to supercharge and accelerate

3145

02:27:56,150 --> 02:27:53,761

the way that business is done I truly do

3146

02:27:57,770 --> 02:27:56,160

believe that blockchain along with AI

3147

02:28:00,291 --> 02:27:57,780

and some of and CRISPR and some of these

3148

02:28:02,450 --> 02:28:00,301

other things blockchain will radically

3149

02:28:04,881 --> 02:28:02,460

transform everything in our society just

3150

02:28:08,421 --> 02:28:04,891

like the web did right now we're at the

3151  
02:28:11,511 --> 02:28:08,431  
kind of 1997 moment where we were with

3152  
02:28:13,011 --> 02:28:11,521  
with the web in 1997 or 1998 that's

3153  
02:28:15,921 --> 02:28:13,021  
that's where we are with blockchain

3154  
02:28:17,541 --> 02:28:15,931  
right now it's about - right now every

3155  
02:28:19,220 --> 02:28:17,551  
only thing that people know about it is

3156  
02:28:20,480 --> 02:28:19,230  
oh Bitcoin and that type of thing but

3157  
02:28:22,100 --> 02:28:20,490  
they don't understand that this

3158  
02:28:24,230 --> 02:28:22,110  
technology is going to fundamentally

3159  
02:28:26,001 --> 02:28:24,240  
transform society as profoundly as the

3160  
02:28:28,461 --> 02:28:26,011  
web did and so if you want to be in on

3161  
02:28:31,700 --> 02:28:28,471  
the ground floor of that the course is

3162  
02:28:33,831 --> 02:28:31,710  
Bitcoin insider dot it's it's one of its

3163  
02:28:35,390 --> 02:28:33,841

the best course I've ever done so I'm

3164

02:28:39,020 --> 02:28:35,400

gonna go check that out I'm gonna go

3165

02:28:43,251 --> 02:28:39,030

check that out for sure I haven't spoken

3166

02:28:45,921 --> 02:28:43,261

to you about our platform that we have

3167

02:28:49,370 --> 02:28:45,931

launched and our social media network

3168

02:28:52,551 --> 02:28:49,380

and it's called on stellar ones te ll a

3169

02:28:55,190 --> 02:28:52,561

are calm and it's based on the

3170

02:28:57,950 --> 02:28:55,200

blockchain so that is the foundation of

3171

02:28:59,541 --> 02:28:57,960

it we don't have any advertising or data

3172

02:29:03,041 --> 02:28:59,551

mining everything is locked down with

3173

02:29:06,770 --> 02:29:03,051

the blockchain just like you said and

3174

02:29:08,480 --> 02:29:06,780

all information you know uploads and

3175

02:29:11,060 --> 02:29:08,490

downloads and communications everything

3176

02:29:14,350 --> 02:29:11,070

is preserved and unaltered in the

3177

02:29:18,501 --> 02:29:14,360

blockchain but the other part of it is

3178

02:29:20,870 --> 02:29:18,511

our little token economy with our our

3179

02:29:24,251 --> 02:29:20,880

token that we have it's called on

3180

02:29:28,001 --> 02:29:24,261

stellar and it's a way to

3181

02:29:30,621 --> 02:29:28,011

our conspiracies supernatural paranormal

3182

02:29:32,631 --> 02:29:30,631

community can go and share information

3183

02:29:36,020 --> 02:29:32,641

and everything is based on the

3184

02:29:39,791 --> 02:29:36,030

blockchain and it's token economy but

3185

02:29:44,921 --> 02:29:39,801

it's a way not only through videos like

3186

02:29:48,051 --> 02:29:44,931

YouTube or that type of stuff but to

3187

02:29:50,541 --> 02:29:48,061

promote and research and and get

3188

02:29:53,751 --> 02:29:50,551

rewarded for that I believe it is

3189

02:29:56,360 --> 02:29:53,761

internet 3.0 everything that is out

3190

02:29:59,690 --> 02:29:56,370

there now like we are talking about

3191

02:30:02,001 --> 02:29:59,700

whether it's Google or or Facebook or

3192

02:30:02,871 --> 02:30:02,011

YouTube or Twitter it doesn't or

3193

02:30:05,810 --> 02:30:02,881

Instagram

3194

02:30:08,690 --> 02:30:05,820

that's all technology from 1998 and

3195

02:30:11,841 --> 02:30:08,700

we've got to take the Internet into its

3196

02:30:14,390 --> 02:30:11,851

next phase and I do call it internet 3.0

3197

02:30:17,331 --> 02:30:14,400

and I think of the blockchain can be

3198

02:30:21,110 --> 02:30:17,341

used for anything anything that's or

3199

02:30:23,390 --> 02:30:21,120

anything that you want to do there's a

3200

02:30:25,791 --> 02:30:23,400

way to incorporate the blockchain into

3201

02:30:27,410 --> 02:30:25,801

it and that is the future and I'm

3202

02:30:28,700 --> 02:30:27,420

totally with you on that I'm gonna go

3203

02:30:31,610 --> 02:30:28,710

check out your course for sure

3204

02:30:34,220 --> 02:30:31,620

nice yeah I mean just the web as it

3205

02:30:37,100 --> 02:30:34,230

currently exists runs off of ya database

3206

02:30:42,410 --> 02:30:37,110

technology from the 90s you know PHP and

3207

02:30:44,390 --> 02:30:42,420

things like that that's right and so or

3208

02:30:46,280 --> 02:30:44,400

excuse me my my sequel things like that

3209

02:30:47,900 --> 02:30:46,290

and everything's gonna get blockchain is

3210

02:30:50,421 --> 02:30:47,910

gonna replace that it's gonna be the

3211

02:30:52,940 --> 02:30:50,431

backbone of how information is moved

3212

02:30:54,560 --> 02:30:52,950

around the world yet all of this all of

3213

02:30:58,511 --> 02:30:54,570

this that we're talking about yeah

3214

02:31:03,560 --> 02:30:58,521

there's no question about it and so when

3215

02:31:09,051 --> 02:31:03,570

the on stellar design thought started to

3216

02:31:11,390 --> 02:31:09,061

build Facebook the we I don't want to

3217

02:31:14,600 --> 02:31:11,400

say this in a weird way but we had the

3218

02:31:18,160 --> 02:31:14,610

vision for it right and the team at on

3219

02:31:21,140 --> 02:31:18,170

stellar and and then Facebook got caught

3220

02:31:22,850 --> 02:31:21,150

cambridge everything happened and it was

3221

02:31:25,820 --> 02:31:22,860

the best advertising that we could do

3222

02:31:29,841 --> 02:31:25,830

because we didn't even have to advertise

3223

02:31:32,360 --> 02:31:29,851

zuckerberg dead of wars in that here we

3224

02:31:34,490 --> 02:31:32,370

have the platform that is the future and

3225

02:31:35,290 --> 02:31:34,500

these are the reasons why go listen to

3226

02:31:39,130 --> 02:31:35,300

Zuckerberg

3227

02:31:41,380 --> 02:31:39,140

that's all we do and and we've taken off

3228

02:31:43,630 --> 02:31:41,390

it is a great social media platform

3229

02:31:46,150 --> 02:31:43,640

we've got all of the technology and

3230

02:31:48,730 --> 02:31:46,160

wants and needs that anybody desires

3231

02:31:51,429 --> 02:31:48,740

from a social media platform but there's

3232

02:31:53,559 --> 02:31:51,439

no advertising there's no data mining

3233

02:31:56,440 --> 02:31:53,569

there's none of that there

3234

02:31:59,429 --> 02:31:56,450

there's no censorship you know it is a

3235

02:32:05,770 --> 02:31:59,439

beautiful free place to be remember

3236

02:32:08,139 --> 02:32:05,780

Jason let's go back to 1995 1996 1997

3237

02:32:10,840 --> 02:32:08,149

then the first time you saw a pop-up ad

3238

02:32:12,940 --> 02:32:10,850

and he wanted to throw your laptop out

3239

02:32:17,590 --> 02:32:12,950

the window you remember how angry you

3240

02:32:20,290 --> 02:32:17,600

were right right yeah well there's none

3241

02:32:22,330 --> 02:32:20,300

of that here when I go over to Facebook

3242

02:32:25,330 --> 02:32:22,340

these days or anywhere and I and I'm

3243

02:32:28,420 --> 02:32:25,340

scrolling through and I see every other

3244

02:32:31,660 --> 02:32:28,430

post is an advertisement it just it

3245

02:32:34,809 --> 02:32:31,670

offends me and you go over to on stellar

3246

02:32:38,230 --> 02:32:34,819

and there's no advertising it's nothing

3247

02:32:40,420 --> 02:32:38,240

but you and thought and interaction and

3248

02:32:41,980 --> 02:32:40,430

it's light like I said it's the next

3249

02:32:43,840 --> 02:32:41,990

phase of the Internet it's truly

3250

02:32:45,300 --> 02:32:43,850

internet 3.0 I couldn't agree with you

3251

02:32:47,740 --> 02:32:45,310

more

3252

02:32:50,320 --> 02:32:47,750

all right well it was great to be on the

3253

02:32:52,690 --> 02:32:50,330

show and I appreciate you having me back

3254

02:32:54,849 --> 02:32:52,700

on thank you so much Jason behave and be

3255

02:32:58,690 --> 02:32:54,859

well all right talk to you later

3256

02:33:01,990 --> 02:32:58,700

Jason Louvre and it's very simple jason

3257

02:33:04,240 --> 02:33:02,000

louvre dot-com the links are over at

3258

02:33:07,300 --> 02:33:04,250

jimmy church radio.com and of course you

3259

02:33:09,099 --> 02:33:07,310

can follow Jason on Twitter at Jason

3260

02:33:11,679 --> 02:33:09,109

Louvre all of his books are there and

3261

02:33:14,020 --> 02:33:11,689

John D in the Empire of Angels which

3262

02:33:16,360 --> 02:33:14,030

I've now read twice is an amazing read

3263

02:33:17,950 --> 02:33:16,370

this is fade to black armies Jimmy

3264

02:33:19,719 --> 02:33:17,960

Church I'll come back and we'll open up

3265

02:33:22,260 --> 02:33:19,729

the phone lines right after this short

3266

02:33:39,230 --> 02:33:22,270

break stay with us

3267

02:33:45,121 --> 02:33:41,911

Viveca bhaktir and you are listening to

3268

02:33:51,241 --> 02:33:45,131

my boy Jimmy Church on Jimmy Joe's radio

3269

02:33:54,390 --> 02:33:51,251

calm despite popular opinion reading a

3270

02:34:00,360 --> 02:33:54,400

book will not make you smarter

3271

02:34:06,520 --> 02:34:04,631

hurricanes earthquakes wildfires this

3272

02:34:08,980 --> 02:34:06,530

year we've experienced more than our

3273

02:34:11,291 --> 02:34:08,990

fair share this is Jimmy Church of fade

3274

02:34:13,301 --> 02:34:11,301

to black and last month I decided to

3275

02:34:15,730 --> 02:34:13,311

make sure my family does not have to

3276

02:34:18,881 --> 02:34:15,740

worry about food should we get caught in

3277

02:34:21,341 --> 02:34:18,891

a real emergency situation introducing

3278

02:34:23,110 --> 02:34:21,351

new manna healthy storable product that

3279

02:34:25,030 --> 02:34:23,120

tastes so good that you'll want to eat

3280

02:34:27,310 --> 02:34:25,040

it every day instead of just during

3281

02:34:29,560 --> 02:34:27,320

those times of duress all new mana

3282

02:34:32,951 --> 02:34:29,570

products have a 25 year shelf life our

3283

02:34:35,470 --> 02:34:32,961

msg and GMO free no preservatives and

3284

02:34:37,421 --> 02:34:35,480

are made in America with the new manna

3285

02:34:39,011 --> 02:34:37,431

pack in your home you'll be able to

3286

02:34:41,560 --> 02:34:39,021

sleep at night knowing that you've

3287

02:34:44,741 --> 02:34:41,570

protected your family not only have I

3288

02:34:47,140 --> 02:34:44,751

tasted and tested I own it now you can

3289

02:34:49,270 --> 02:34:47,150

too just click on the new mana banner on

3290

02:34:51,730 --> 02:34:49,280

Jimmy Church radio.com and use the promo

3291

02:34:53,501 --> 02:34:51,740

code Jimmy when you order in addition to

3292

02:34:57,520 --> 02:34:53,511

a discount we'll send you an autographed

3293

02:35:01,211 --> 02:34:57,530

fade to black t-shirt seriously gobekli

3294

02:35:03,461 --> 02:35:01,221

tepe when you take the beams from

3295

02:35:06,011 --> 02:35:03,471

Central America with dashes of

3296

02:35:08,440 --> 02:35:06,021

indonesian and african mixed in and then

3297

02:35:11,291 --> 02:35:08,450

roast it to the dark side of fade to

3298

02:35:14,440 --> 02:35:11,301

black you create the ultimate brew of

3299

02:35:18,190 --> 02:35:14,450

Fringe introducing the fade to black

3300

02:35:20,801 --> 02:35:18,200

blend from River moon coffee yes River

3301  
02:35:23,801 --> 02:35:20,811  
moons darkest customized roast was

3302  
02:35:26,801 --> 02:35:23,811  
created for the love of fade to black

3303  
02:35:29,501 --> 02:35:26,811  
the alchemy of masterful roasting and

3304  
02:35:33,070 --> 02:35:29,511  
smoking the beans is in every sip of

3305  
02:35:36,070 --> 02:35:33,080  
this full-bodied dark Java I need my

3306  
02:35:37,930 --> 02:35:36,080  
coffee doc deep with distinct

3307  
02:35:41,110 --> 02:35:37,940  
bittersweet chocolate highlights just

3308  
02:35:43,541 --> 02:35:41,120  
like the bunker leaning further into the

3309  
02:35:46,810 --> 02:35:43,551  
darkness of the roast is fade to black

3310  
02:35:48,461 --> 02:35:46,820  
blend from river moon coffee just click

3311  
02:35:49,930 --> 02:35:48,471  
on the banner at Jimmy Church radio.com

3312  
02:35:53,320 --> 02:35:49,940  
and use the

3313  
02:35:58,780 --> 02:35:53,330

code f2b blend for 15% off of your order

3314

02:36:00,820 --> 02:35:58,790

today Gobekli Tepe hey can we talk about

3315

02:36:03,940 --> 02:36:00,830

something serious for a minute your age

3316

02:36:06,400 --> 02:36:03,950

getting old has its perks but remember

3317

02:36:08,440 --> 02:36:06,410

being a few years younger you know your

3318

02:36:10,301 --> 02:36:08,450

hair was thicker you didn't have so many

3319

02:36:12,280 --> 02:36:10,311

wrinkles that extra weight wasn't

3320

02:36:14,591 --> 02:36:12,290

haunting you and you just felt better

3321

02:36:17,261 --> 02:36:14,601

well we can't turn back the clocks and

3322

02:36:19,421 --> 02:36:17,271

go back 10 or 15 years but you can start

3323

02:36:22,570 --> 02:36:19,431

feeling and looking 10 or 15 years

3324

02:36:24,581 --> 02:36:22,580

younger with nature's youth RSF it's a

3325

02:36:26,261 --> 02:36:24,591

doctor formulated daily supplement that

3326

02:36:27,990 --> 02:36:26,271

helps your body maintain its peak

3327

02:36:30,640 --> 02:36:28,000

performance and fight the aging process

3328

02:36:32,110 --> 02:36:30,650

imagine sleeping better looking better

3329

02:36:34,570 --> 02:36:32,120

and feeling better

3330

02:36:36,520 --> 02:36:34,580

see how Nature's youth RSF has helped

3331

02:36:39,220 --> 02:36:36,530

thousands of people just like you at

3332

02:36:41,680 --> 02:36:39,230

nature's youth calm nature's youth calm

3333

02:36:43,121 --> 02:36:41,690

the holidays are coming imagine how it

3334

02:36:45,011 --> 02:36:43,131

will feel when your family and friends

3335

02:36:45,640 --> 02:36:45,021

are asking you what you did to look so

3336

02:36:48,041 --> 02:36:45,650

good

3337

02:36:49,961 --> 02:36:48,051

your secret will be nature's youth RSF

3338

02:36:52,390 --> 02:36:49,971

it's time to start looking better and

3339

02:36:54,791 --> 02:36:52,400

feeling better learn more in order your

3340

02:37:04,500 --> 02:36:54,801

nature's use RSS at nature's youth com

3341

02:37:19,029 --> 02:37:08,229

it's not a lifestyle we chose we were

3342

02:37:23,820 --> 02:37:19,039

born this way k GRA radio.com this is KJ

3343

02:37:23,830 --> 02:37:37,321

[Music]

3344

02:37:42,631 --> 02:37:39,720

all right welcome back fade to black

3345

02:37:46,811 --> 02:37:42,641

America pictures want to thank Jason Liu

3346

02:37:48,151 --> 02:37:46,821

what a conversation tonight Man Man Man

3347

02:37:52,811 --> 02:37:48,161

Man Man

3348

02:37:56,621 --> 02:37:52,821

Jason lucam you can also follow Jason at

3349

02:38:00,041 --> 02:37:56,631

a Jason loop on Twitter and you can just

3350

02:38:02,071 --> 02:38:00,051

click over on Jason link on Jason's

3351  
02:38:04,541 --> 02:38:02,081  
links over at Jimmy Church radio.com

3352  
02:38:11,621 --> 02:38:04,551  
okay I've just opened up the phone lines

3353  
02:38:15,011 --> 02:38:11,631  
3 2 3 8 2 5 5 0 4 or 5 or 3 2 3 2 7 5 9

3354  
02:38:21,071 --> 02:38:15,021  
6 9 5 Jason mentioned the NSA a few

3355  
02:38:25,451 --> 02:38:21,081  
times tonight and the information that

3356  
02:38:26,801 --> 02:38:25,461  
came out today about AT&T NSA centers

3357  
02:38:29,311 --> 02:38:26,811  
across the United States pretty

3358  
02:38:34,001 --> 02:38:29,321  
frightening when you think about it and

3359  
02:38:36,611 --> 02:38:34,011  
I should I'm so tempted to oppose the

3360  
02:38:40,481 --> 02:38:36,621  
addresses of those buildings so you can

3361  
02:38:43,661 --> 02:38:40,491  
go into your hometown and walk by one of

3362  
02:38:46,181 --> 02:38:43,671  
these windowless concrete monstrosities

3363  
02:38:49,061 --> 02:38:46,191

and just stop and think about what is

3364

02:38:51,131 --> 02:38:49,071

actually going on inside of those

3365

02:38:53,681 --> 02:38:51,141

buildings so think about that for a

3366

02:38:55,631 --> 02:38:53,691

second this is fade to black let's go to

3367

02:38:59,291 --> 02:38:55,641

the phones hi you're live right now

3368

02:39:02,291 --> 02:38:59,301

who's calling Jeff from Sacramento oh hi

3369

02:39:04,031 --> 02:39:02,301

Deb how are you hi good Jimmy how are

3370

02:39:06,701 --> 02:39:04,041

you I'm good what did you think about

3371

02:39:08,470 --> 02:39:06,711

that conversation tonight you know when

3372

02:39:10,031 --> 02:39:08,480

I first heard what the topic was I

3373

02:39:11,711 --> 02:39:10,041

thought oh this was going to be so over

3374

02:39:14,051 --> 02:39:11,721

my head and I don't know if I'm gonna

3375

02:39:15,731 --> 02:39:14,061

get any of this it was so I mean and

3376

02:39:19,211 --> 02:39:15,741

some of it was over my head but it was

3377

02:39:22,451 --> 02:39:19,221

so educational um he explained things so

3378

02:39:25,631 --> 02:39:22,461

clearly as far as the future of AI and

3379

02:39:28,991 --> 02:39:25,641

taking a lot of the fear out of you know

3380

02:39:30,611 --> 02:39:29,001

what's propagated and you know all the

3381

02:39:34,481 --> 02:39:30,621

things that we hear on the internet and

3382

02:39:37,031 --> 02:39:34,491

talking about using discernment and just

3383

02:39:41,141 --> 02:39:37,041

kind of you know clarifying a lot of

3384

02:39:43,679 --> 02:39:41,151

things really interesting yeah and

3385

02:39:49,260 --> 02:39:43,689

there's another part of it

3386

02:39:52,710 --> 02:39:49,270

and which is this when you have when you

3387

02:39:54,929 --> 02:39:52,720

have so many and especially with the

3388

02:39:58,080 --> 02:39:54,939

research that I do on this because I'm

3389

02:40:03,960 --> 02:39:58,090

fascinated with it when you hear so much

3390

02:40:06,569 --> 02:40:03,970

and then you have Jason bring on the

3391

02:40:09,689 --> 02:40:06,579

other side of it right to kind of smooth

3392

02:40:14,040 --> 02:40:09,699

things over then you kind of get

3393

02:40:16,880 --> 02:40:14,050

yourself balanced a little bit but that

3394

02:40:19,500 --> 02:40:16,890

being said and again it's about

3395

02:40:21,779 --> 02:40:19,510

listening to everybody taking a little

3396

02:40:24,870 --> 02:40:21,789

piece of everything in and you know

3397

02:40:26,340 --> 02:40:24,880

getting because no matter what you

3398

02:40:28,920 --> 02:40:26,350

listen to one side view listen the the

3399

02:40:32,550 --> 02:40:28,930

real the reality is somewhere in the

3400

02:40:39,769 --> 02:40:32,560

middle right the reality is is you know

3401

02:40:48,240 --> 02:40:43,080

when we look at some of the basic things

3402

02:40:52,910 --> 02:40:48,250

out there Deb like chess programs or go

3403

02:40:57,300 --> 02:40:52,920

you know the Chinese board game and how

3404

02:41:01,859 --> 02:40:57,310

these software engineers that that work

3405

02:41:04,019 --> 02:41:01,869

on that part of a I have developed a

3406

02:41:07,260 --> 02:41:04,029

stuff that is so complicated the game of

3407

02:41:08,969 --> 02:41:07,270

chess is not easy and and go is even

3408

02:41:13,800 --> 02:41:08,979

more complicated than that

3409

02:41:15,330 --> 02:41:13,810

and we're like with go they were able to

3410

02:41:22,519 --> 02:41:15,340

just give the rules

3411

02:41:28,830 --> 02:41:22,529

you know the rules and then allow the AI

3412

02:41:33,540 --> 02:41:28,840

to just play and now it's they're

3413

02:41:37,080 --> 02:41:33,550

unbeatable the AI is unbeatable so if

3414

02:41:40,349 --> 02:41:37,090

you take that concept and you apply it

3415

02:41:45,179 --> 02:41:40,359

to just about anything inside of AI then

3416

02:41:46,019 --> 02:41:45,189

I would think we have stuff there to

3417

02:41:48,689 --> 02:41:46,029

worry about

3418

02:41:50,760 --> 02:41:48,699

where Jason is saying I think we're okay

3419

02:41:52,979 --> 02:41:50,770

here you know I think there's a lot of

3420

02:41:55,340 --> 02:41:52,989

paranoia and a lot of fear and and and I

3421

02:41:57,319 --> 02:41:55,350

can agree with that I can

3422

02:42:01,040 --> 02:41:57,329

but there's the other part of it where I

3423

02:42:03,619 --> 02:42:01,050

know that there are millions and

3424

02:42:06,469 --> 02:42:03,629

hundreds of millions of dollars an

3425

02:42:10,519 --> 02:42:06,479

effort and research and coding and

3426

02:42:12,920 --> 02:42:10,529

engineers and developers that are laser

3427

02:42:17,000 --> 02:42:12,930

focused on one thing and that is

3428

02:42:20,059 --> 02:42:17,010

developing a version of you of something

3429

02:42:22,000 --> 02:42:20,069

that can think and to the point where we

3430

02:42:25,000 --> 02:42:22,010

will not be able to tell the difference

3431

02:42:29,500 --> 02:42:25,010

between what is real and what is not

3432

02:42:31,849 --> 02:42:29,510

that is the goal that is 100% the goal

3433

02:42:34,250 --> 02:42:31,859

yeah and that's a scary thought and

3434

02:42:38,659 --> 02:42:34,260

that's a scary thought for sure there's

3435

02:42:43,069 --> 02:42:38,669

there's just no way that I would ever be

3436

02:42:45,500 --> 02:42:43,079

sold on the idea like Zuckerberg was

3437

02:42:47,739 --> 02:42:45,510

presenting last month and his testimony

3438

02:42:55,219 --> 02:42:47,749

in that now were the good guys

3439

02:42:58,909 --> 02:42:55,229

everything is fine all we care about is

3440

02:43:02,229 --> 02:42:58,919

you everything is great no we don't do

3441

02:43:05,750 --> 02:43:02,239

anything evil we don't do anything bad

3442

02:43:09,079 --> 02:43:05,760

everything we do is about being good I

3443

02:43:12,290 --> 02:43:09,089

don't buy into that I mean I don't I

3444

02:43:13,670 --> 02:43:12,300

don't I mean talk about you know not

3445

02:43:15,319 --> 02:43:13,680

being transparent he didn't even want to

3446

02:43:17,210 --> 02:43:15,329

talk about what hotel he stayed at I

3447

02:43:19,069 --> 02:43:17,220

mean give me a break but we're the good

3448

02:43:20,630 --> 02:43:19,079

guys that we're here and we're here to

3449

02:43:24,010 --> 02:43:20,640

bring the world together and keep me

3450

02:43:26,869 --> 02:43:24,020

upright yeah yeah and so I had a lot of

3451

02:43:29,210 --> 02:43:26,879

difficulty with that but listening to

3452

02:43:33,199 --> 02:43:29,220

Jason tonight like I said he centers you

3453

02:43:35,599 --> 02:43:33,209

I pulls you back into into the center a

3454

02:43:37,489 --> 02:43:35,609

little bit and and I think that we need

3455

02:43:39,050 --> 02:43:37,499

to hear that because that's exactly what

3456

02:43:41,420 --> 02:43:39,060

he has been doing that's what he's been

3457

02:43:45,109 --> 02:43:41,430

writing about he understands it and he's

3458

02:43:47,090 --> 02:43:45,119

been developing AI for a long time so

3459

02:43:49,069 --> 02:43:47,100

there you go and that's my take you know

3460

02:43:51,109 --> 02:43:49,079

let's just all learn together it was a

3461

02:43:53,359 --> 02:43:51,119

great conversation I really enjoyed it

3462

02:43:55,399 --> 02:43:53,369

well the part that really resonated with

3463

02:43:58,869 --> 02:43:55,409

me when he was talking about the ability

3464

02:44:02,569 --> 02:43:58,879

to take our souls and put them into a

3465

02:44:05,109 --> 02:44:02,579

microchip you know or a USB and be able

3466

02:44:08,580 --> 02:44:05,119

to do something like that and you know

3467

02:44:10,830 --> 02:44:08,590

no one no one totally understands

3468

02:44:12,540 --> 02:44:10,840

SOLAS like he was saying so when he was

3469

02:44:14,820 --> 02:44:12,550

explaining that part of it his take on

3470

02:44:17,130 --> 02:44:14,830

it that's really what resonated with me

3471

02:44:19,710 --> 02:44:17,140

yeah there's another there's another

3472

02:44:25,650 --> 02:44:19,720

part to that and uh and and let me

3473

02:44:27,510 --> 02:44:25,660

explain cryogenics okay cryogenics

3474

02:44:31,320 --> 02:44:27,520

we all understand what it is freezing

3475

02:44:34,440 --> 02:44:31,330

your body and for the future and maybe

3476

02:44:36,599 --> 02:44:34,450

disease can be cured and then they bring

3477

02:44:38,790 --> 02:44:36,609

your body back to life and boom you get

3478

02:44:41,700 --> 02:44:38,800

another go right you get another go

3479

02:44:44,849 --> 02:44:41,710

around yeah so you know they freeze my

3480

02:44:47,219 --> 02:44:44,859

brain right you know and you know it's

3481

02:44:51,300 --> 02:44:47,229

probably not that expensive but you know

3482

02:44:53,429 --> 02:44:51,310

and and my brain gets restarted it gets

3483

02:44:56,400 --> 02:44:53,439

restarted a hundred years from now and

3484

02:45:00,980 --> 02:44:56,410

they figured out how to clone another

3485

02:45:05,030 --> 02:45:00,990

body for me right and they reattach my

3486

02:45:10,679 --> 02:45:05,040

they don't know I certainly don't know

3487

02:45:13,880 --> 02:45:10,689

who I am going to be is my soul going is

3488

02:45:19,320 --> 02:45:13,890

Jimmy going to be inside of that brain

3489

02:45:21,870 --> 02:45:19,330

my memories should be there right the

3490

02:45:22,950 --> 02:45:21,880

data storage should be there but what

3491

02:45:27,599 --> 02:45:22,960

about me

3492

02:45:31,440 --> 02:45:27,609

what about my soul you know what what

3493

02:45:33,389 --> 02:45:31,450

becomes of that is that you know and of

3494

02:45:35,880 --> 02:45:33,399

course we deal with this with a

3495

02:45:38,520 --> 02:45:35,890

spirituality and and today in

3496

02:45:40,349 --> 02:45:38,530

consciousness and and what happens when

3497

02:45:42,090 --> 02:45:40,359

you die and your soul you know what

3498

02:45:45,000 --> 02:45:42,100

happens to that part of it we know that

3499

02:45:47,969 --> 02:45:45,010

our body turns off right okay all right

3500

02:45:52,500 --> 02:45:47,979

that's all electric it turns off but if

3501  
02:45:54,679 --> 02:45:52,510  
my brain gets fired up again is it going

3502  
02:45:56,730 --> 02:45:54,689  
to be me

3503  
02:45:59,130 --> 02:45:56,740  
that's the core you know that's

3504  
02:46:01,050 --> 02:45:59,140  
interesting yeah along those lines to

3505  
02:46:04,230 --> 02:46:01,060  
you know kind of help you make your

3506  
02:46:06,240 --> 02:46:04,240  
point is not that you need help but it

3507  
02:46:09,060 --> 02:46:06,250  
makes me think about how when someone

3508  
02:46:11,940 --> 02:46:09,070  
maybe gets an organ from an organ donor

3509  
02:46:13,440 --> 02:46:11,950  
and that person maybe died but the new

3510  
02:46:15,929 --> 02:46:13,450  
person that has their organ all of a

3511  
02:46:19,560 --> 02:46:15,939  
sudden they start developing the habits

3512  
02:46:21,961 --> 02:46:19,570  
or the taste of the donor I write out so

3513  
02:46:25,350 --> 02:46:21,971

I had a fader back the other day

3514

02:46:27,121 --> 02:46:25,360

that I didn't use well I won't be able

3515

02:46:28,140 --> 02:46:27,131

to use it now anyway because I'm about

3516

02:46:31,131 --> 02:46:28,150

to spill it

3517

02:46:35,390 --> 02:46:31,141

which is this there was a heart

3518

02:46:39,060 --> 02:46:35,400

transplant guy commits suicide okay

3519

02:46:42,091 --> 02:46:39,070

commit suicide I'm not gonna say how but

3520

02:46:47,930 --> 02:46:42,101

he commits suicide organ heart

3521

02:46:52,801 --> 02:46:47,940

transplant into the new recipient who

3522

02:46:56,850 --> 02:46:52,811

actually marries the wife of the dude

3523

02:47:00,470 --> 02:46:56,860

that committed suicide ten years later

3524

02:47:04,051 --> 02:47:00,480

the recipient of the heart transplant

3525

02:47:08,821 --> 02:47:04,061

committed suicide the same way that the

3526

02:47:20,220 --> 02:47:08,831

donor did and he was married to his wife

3527

02:47:24,451 --> 02:47:20,230

yeah now and so and in reading the facts

3528

02:47:27,180 --> 02:47:24,461

of the case it was it was almost too

3529

02:47:30,720 --> 02:47:27,190

much it's like there's something there

3530

02:47:33,751 --> 02:47:30,730

man I don't know I don't know but it

3531

02:47:40,531 --> 02:47:33,761

happened yeah it's a very and think

3532

02:47:44,881 --> 02:47:42,331

thank you so much Deb we'll see you

3533

02:47:46,381 --> 02:47:44,891

tomorrow night on the show okay Jamie

3534

02:47:49,171 --> 02:47:46,391

take care thank you have a great night

3535

02:47:52,921 --> 02:47:49,181

that's a great conversation right there

3536

02:47:55,291 --> 02:47:52,931

with Deb let's go back to the phones

3537

02:47:57,091 --> 02:47:55,301

here let's see area code three six zero

3538

02:48:08,631 --> 02:47:57,101

you're up next on fade to black who's

3539

02:48:22,741 --> 02:48:11,430

that's your throne you need to go see a

3540

02:48:25,281 --> 02:48:22,751

doctor anyway so long but see what the

3541

02:48:27,511 --> 02:48:25,291

last lady said and the sole thing yeah

3542

02:48:30,180 --> 02:48:27,521

there isn't any way you're gonna get a

3543

02:48:31,921 --> 02:48:30,190

soul we jump into a damn ship and I

3544

02:48:33,600 --> 02:48:31,931

can't see that I mean we're

3545

02:48:35,490 --> 02:48:33,610

multi-dimensional selves what are we

3546

02:48:42,650 --> 02:48:35,500

going to do in a damn ship that's

3547

02:48:45,750 --> 02:48:42,660

fun but also I wanted to talk about the

3548

02:48:50,160 --> 02:48:45,760

prediction that was made on a might to

3549

02:48:53,130 --> 02:48:50,170

my question last week and I've come

3550

02:48:55,610 --> 02:48:53,140

across data that says that Mother's has

3551

02:48:58,880 --> 02:48:55,620

already ascended to her

3552

02:49:03,570 --> 02:48:58,890

multi-dimensional fifth dimensional self

3553

02:49:07,710 --> 02:49:03,580

so it's us that are how do you get the

3554

02:49:12,510 --> 02:49:07,720

information well as through two sources

3555

02:49:16,730 --> 02:49:12,520

Lisa transcendence Braun who claimed

3556

02:49:21,090 --> 02:49:16,740

that she's there that she can go there

3557

02:49:24,600 --> 02:49:21,100

already and the other one was James

3558

02:49:28,530 --> 02:49:24,610

Tiburón in a talk that he gave recently

3559

02:49:31,560 --> 02:49:28,540

on earth keepers so I mean yeah it's not

3560

02:49:32,910 --> 02:49:31,570

like a scientific thing no I'm not

3561

02:49:34,440 --> 02:49:32,920

saying that I just want to know where

3562

02:49:36,750 --> 02:49:34,450

you got the information from you said

3563

02:49:42,450 --> 02:49:36,760

you got information that were already

3564

02:49:44,790 --> 02:49:42,460

there right yeah no well we haven't

3565

02:49:46,320 --> 02:49:44,800

actually talked to mothers myself which

3566

02:49:48,660 --> 02:49:46,330

is what I should have done anyway and

3567

02:49:50,250 --> 02:49:48,670

not asked anybody else I don't know why

3568

02:49:52,740 --> 02:49:50,260

I even asked that question now that I

3569

02:49:54,570 --> 02:49:52,750

thought about it well I get anyway get

3570

02:49:57,270 --> 02:49:54,580

back to the I'm sorry go ahead

3571

02:49:58,890 --> 02:49:57,280

that your own information that's all you

3572

02:50:00,540 --> 02:49:58,900

got to do your right just go back to the

3573

02:50:07,800 --> 02:50:00,550

source ask Gaia

3574

02:50:12,420 --> 02:50:07,810

what's up and write about it or give a

3575

02:50:17,970 --> 02:50:12,430

call and when I do that but to this day

3576

02:50:21,450 --> 02:50:17,980

I think that's just I mean II didn't

3577

02:50:25,200 --> 02:50:21,460

talk about Sophia and I definitely had

3578

02:50:27,060 --> 02:50:25,210

heard about it I to VI programs like

3579

02:50:29,070 --> 02:50:27,070

communicating with each other in a

3580

02:50:31,530 --> 02:50:29,080

different language they created

3581

02:50:35,760 --> 02:50:31,540

themselves yeah yeah her story of that

3582

02:50:38,940 --> 02:50:35,770

yeah that was last year yes yeah so some

3583

02:50:41,930 --> 02:50:38,950

strange stuff is going on there and you

3584

02:50:48,060 --> 02:50:41,940

know and then Corey good talks about the

3585

02:50:49,591 --> 02:50:48,070

AI that it's a secret space program and

3586

02:50:52,740 --> 02:50:49,601

most of the other

3587

02:50:55,350 --> 02:50:52,750

benign societies are trying to combat

3588

02:50:57,511 --> 02:50:55,360

and they think that the what is it the

3589

02:51:02,610 --> 02:50:57,521

Draco's are the ones that are controlled

3590

02:51:06,270 --> 02:51:02,620

by the CI and see and then I heard on

3591

02:51:10,110 --> 02:51:06,280

that one another channel that's talking

3592

02:51:13,950 --> 02:51:10,120

about an AI clouds it's just outside of

3593

02:51:19,200 --> 02:51:13,960

our solar system hmm kind of hang it out

3594

02:51:21,751 --> 02:51:19,210

there so what a big deal there is to

3595

02:51:24,421 --> 02:51:21,761

have the big solar flash that will just

3596

02:51:27,150 --> 02:51:24,431

you know pry all that stuff so we're not

3597

02:51:34,020 --> 02:51:27,160

gonna have any a high we're gonna have

3598

02:51:39,631 --> 02:51:34,030

to start all over yeah I'm um my my

3599

02:51:43,530 --> 02:51:39,641

thing is and and many sci-fi riders have

3600

02:51:46,350 --> 02:51:43,540

talked about this but the ability for a

3601

02:51:50,730 --> 02:51:46,360

sci-fi writer science fiction writer to

3602

02:51:53,970 --> 02:51:50,740

to put this stuff down but then to have

3603

02:51:57,961 --> 02:51:53,980

it actually eventually play itself out

3604

02:52:00,511 --> 02:51:57,971

in that all you have to do is plant the

3605

02:52:02,910 --> 02:52:00,521

seed of an idea and the seed of an idea

3606

02:52:04,801 --> 02:52:02,920

is something like Terminator 2 or

3607

02:52:08,910 --> 02:52:04,811

machines taking over the world and

3608

02:52:10,230 --> 02:52:08,920

robots and computers and they all you

3609

02:52:14,430 --> 02:52:10,240

have to do is plant the seed of the idea

3610

02:52:17,270 --> 02:52:14,440

for that and then you go and and invent

3611

02:52:21,120 --> 02:52:17,280

it that's all you got to do satellites

3612

02:52:25,501 --> 02:52:21,130

telecommunications cell phones streaming

3613

02:52:26,910 --> 02:52:25,511

video Dick Tracy video watching all you

3614

02:52:30,780 --> 02:52:26,920

have to do is plant the seed of the idea

3615

02:52:33,270 --> 02:52:30,790

and then they go and create it and so

3616

02:52:35,280 --> 02:52:33,280

when it comes to AI and we we're talking

3617

02:52:38,041 --> 02:52:35,290

about this kind of machine learning and

3618

02:52:40,950 --> 02:52:38,051

in the ability in the Hal 9000 computer

3619

02:52:43,860 --> 02:52:40,960

in 2001 well then they're gonna go and

3620

02:52:47,761 --> 02:52:43,870

invent it they're gonna go and and you

3621

02:52:50,011 --> 02:52:47,771

give them the idea for an EMF well you

3622

02:52:51,990 --> 02:52:50,021

know look at Star Trek and everything

3623

02:52:54,961 --> 02:52:52,000

that was in Star Trek they're working on

3624

02:52:59,220 --> 02:52:54,971

today from not only teleportation but

3625

02:53:00,791 --> 02:52:59,230

look at the communicators and and you

3626

02:53:03,430 --> 02:53:00,801

know

3627

02:53:07,030 --> 02:53:03,440

exotic engines and propulsion systems

3628

02:53:09,671 --> 02:53:07,040

and so forth so anyway you you put that

3629

02:53:13,230 --> 02:53:09,681

idea out there and now you talk about

3630

02:53:16,421 --> 02:53:13,240

the singularity and and the point of

3631

02:53:19,871 --> 02:53:16,431

it's gonna happen you only have to put

3632

02:53:22,301 --> 02:53:19,881

the idea out there the and it germinates

3633

02:53:25,511 --> 02:53:22,311

in a petri dish and the next thing you

3634

02:53:29,381 --> 02:53:25,521

know so to say that the singularity is

3635

02:53:32,501 --> 02:53:29,391

not possible the fear of for me for

3636

02:53:36,491 --> 02:53:32,511

machine learning to take place and they

3637

02:53:38,831 --> 02:53:36,501

they suddenly surpass us at that point

3638

02:53:40,930 --> 02:53:38,841

being able to teach themselves and

3639

02:53:44,350 --> 02:53:40,940

acquire knowledge through a vast network

3640

02:53:47,940 --> 02:53:44,360

of data that it's interconnected on

3641

02:53:52,110 --> 02:53:47,950

server farms around the world and learn

3642

02:53:56,350 --> 02:53:52,120

learn math and learn physics and and and

3643

02:53:58,390 --> 02:53:56,360

and biology and ever just just learn

3644

02:54:00,491 --> 02:53:58,400

everything and take science to the next

3645

02:54:02,921 --> 02:54:00,501

level and and knowledge to the next

3646

02:54:05,801 --> 02:54:02,931

level and design to the next level and

3647

02:54:06,701 --> 02:54:05,811

do it by themselves without us that's a

3648

02:54:09,671 --> 02:54:06,711

scary thought

3649

02:54:13,001 --> 02:54:09,681

and what they could learn automatically

3650

02:54:16,001 --> 02:54:13,011

in 24 hours in 48 hours

3651  
02:54:18,701 --> 02:54:16,011  
not in a hundred years we've been

3652  
02:54:21,331 --> 02:54:18,711  
acquiring this knowledge for 5,000 years

3653  
02:54:26,560 --> 02:54:21,341  
right 5,000 years got us to the moon

3654  
02:54:30,131 --> 02:54:26,570  
right well or longer but a machine

3655  
02:54:34,871 --> 02:54:30,141  
learning situation of singularity that

3656  
02:54:39,600 --> 02:54:34,881  
knowledge gets by the nanosecond by the

3657  
02:54:42,850 --> 02:54:39,610  
nanosecond just multitudes magnitudes of

3658  
02:54:45,610 --> 02:54:42,860  
knowledge it's that's a crazy thought to

3659  
02:54:49,631 --> 02:54:45,620  
me so they've got that at quantum

3660  
02:54:51,850 --> 02:54:49,641  
computer the d3 or I can't remember the

3661  
02:54:52,511 --> 02:54:51,860  
exact name of this there's so many of

3662  
02:54:55,390 --> 02:54:52,521  
them now

3663  
02:54:57,730 --> 02:54:55,400

I mean China's got Billy the badass does

3664

02:55:00,131 --> 02:54:57,740

quantum computer right now but listen I

3665

02:55:02,230 --> 02:55:00,141

fill a bicolor one I got a run

3666

02:55:03,820 --> 02:55:02,240

I got a rogue a rat the end of the show

3667

02:55:05,951 --> 02:55:03,830

so I'll see you tomorrow all right man

3668

02:55:08,350 --> 02:55:05,961

take care of it you know see what Thank

3669

02:55:11,770 --> 02:55:08,360

You Philip I

3670

02:55:15,669 --> 02:55:11,780

he's Philip Philip as he should be you

3671

02:55:23,139 --> 02:55:19,869

be aware be aware I don't know everybody

3672

02:55:25,179 --> 02:55:23,149

talks about the that infamous on/off

3673

02:55:28,689 --> 02:55:25,189

switch when it comes to these

3674

02:55:32,199 --> 02:55:28,699

capabilities you know where can we do it

3675

02:55:36,939 --> 02:55:32,209

and where should where should it be put

3676  
02:55:39,339 --> 02:55:36,949  
and then at the moment of necessity flip

3677  
02:55:43,059 --> 02:55:39,349  
that and turn everything off is it

3678  
02:55:45,519 --> 02:55:43,069  
possible you know and to think how we

3679  
02:55:53,319 --> 02:55:45,529  
don't have to worry about that no we do

3680  
02:55:57,459 --> 02:55:53,329  
we absolutely do i I don't want there to

3681  
02:56:00,489 --> 02:55:57,469  
be some central core out there that is

3682  
02:56:02,739 --> 02:56:00,499  
very very smart and connected that can

3683  
02:56:05,019 --> 02:56:02,749  
run things and I'm talking about

3684  
02:56:07,919 --> 02:56:05,029  
nanobots and I'm talking about drones

3685  
02:56:10,449 --> 02:56:07,929  
and I'm talking about robots and and

3686  
02:56:13,869 --> 02:56:10,459  
manufacturing and electricity and food

3687  
02:56:16,599 --> 02:56:13,879  
and if all that can be controlled by

3688  
02:56:21,669 --> 02:56:16,609

somebody that is not controllable when I

3689

02:56:24,129 --> 02:56:21,679

say somebody I'm talking about AI I'm

3690

02:56:27,699 --> 02:56:24,139

just not so sure we we need to be

3691

02:56:31,089 --> 02:56:27,709

relaxed about that I'm gonna continue to

3692

02:56:35,669 --> 02:56:31,099

be paranoid I have to be and so should

3693

02:56:39,099 --> 02:56:35,679

all of us technology is a good thing the

3694

02:56:41,949 --> 02:56:39,109

ability for us to do this show and how

3695

02:56:46,119 --> 02:56:41,959

we do it is part of the technology that

3696

02:56:49,029 --> 02:56:46,129

I embrace this family is connected every

3697

02:56:51,129 --> 02:56:49,039

single night by the technology that we

3698

02:56:53,859 --> 02:56:51,139

need to also be a little bit you know

3699

02:56:56,139 --> 02:56:53,869

worried about and I think that's healthy

3700

02:56:58,779 --> 02:56:56,149

this is fade to black I'm your host

3701  
02:57:01,839 --> 02:56:58,789  
Jimmy church want to thank Jason Liu

3702  
02:57:03,669 --> 02:57:01,849  
Jason Lube ello you v.com

3703  
02:57:05,439 --> 02:57:03,679  
the links are over at Jimmy Church

3704  
02:57:08,649 --> 02:57:05,449  
radio.com you could follow Jason on

3705  
02:57:10,629 --> 02:57:08,659  
twitter at jasonlew fade to black

3706  
02:57:12,399 --> 02:57:10,639  
executive producers ritika Murray on

3707  
02:57:14,499 --> 02:57:12,409  
shows produced by him J Palmer Nate

3708  
02:57:16,569 --> 02:57:14,509  
Dennis and Bob announces our Steve

3709  
02:57:19,359 --> 02:57:16,579  
martyr Jean Patou a mark d cove our

3710  
02:57:22,449 --> 02:57:19,369  
webmaster drew the geek music doug

3711  
02:57:25,599 --> 02:57:22,459  
aldrich intro space boys space boy

3712  
02:57:27,040 --> 02:57:25,609  
music.com beta-blockers produced by

3713  
02:57:30,040 --> 02:57:27,050

kjsurya

3714

02:57:32,469 --> 02:57:30,050

Network in syndication is kgr a the

3715

02:57:35,080 --> 02:57:32,479

planet this broadcast is owned and

3716

02:57:37,059 --> 02:57:35,090

copyrighted 2018 by paid to black in the

3717

02:57:39,610 --> 02:57:37,069

game-changer network it cannot be

3718

02:57:41,740 --> 02:57:39,620

rebroadcast downloaded copied or used

3719

02:57:43,630 --> 02:57:41,750

anywhere in the known universe without

3720

02:57:45,550 --> 02:57:43,640

written permission from fade to black of

3721

02:57:47,950 --> 02:57:45,560

the game-changer network i'm your host

3722

02:57:50,020 --> 02:57:47,960

jimmy church tomorrow night it's gonna

3723

02:57:51,059 --> 02:57:50,030

be a great night I'm gonna introduce you

3724

02:57:55,420 --> 02:57:51,069

to Tracy

3725

02:57:58,150 --> 02:57:55,430

Garvin until then I want everybody to be

3726

02:58:11,880 --> 02:57:58,160

safe go back Lee tappy