

SILICON VALLEY

I V E



DAYS HOURS MIN SEC
1620 07:05:17

1
00:00:16,920 --> 00:00:02,790
oh

2
00:00:26,790 --> 00:00:25,750
[Music]

3
00:00:27,750 --> 00:00:26,800
10

4
00:00:28,710 --> 00:00:27,760
9

5
00:00:29,669 --> 00:00:28,720
8

6
00:00:30,710 --> 00:00:29,679
7

7
00:00:31,750 --> 00:00:30,720
six

8
00:00:32,709 --> 00:00:31,760
five

9
00:00:33,750 --> 00:00:32,719
four

10
00:00:34,709 --> 00:00:33,760
three

11
00:00:37,080 --> 00:00:34,719
two

12
00:00:53,990 --> 00:00:37,090
one

13
00:00:56,869 --> 00:00:54,000

[Music]

14

00:00:59,270 --> 00:00:56,879

hey everybody welcome back to nasa in

15

00:01:01,110 --> 00:00:59,280

silicon valley live i'm your host abby

16

00:01:03,110 --> 00:01:01,120

tabor and if this is your first time

17

00:01:05,350 --> 00:01:03,120

joining us nasa in silicon valley live

18

00:01:07,350 --> 00:01:05,360

is a conversational show out of nasa's

19

00:01:09,910 --> 00:01:07,360

ames research center where we talk about

20

00:01:12,390 --> 00:01:09,920

all the nerdy nasa news you need to know

21

00:01:15,590 --> 00:01:12,400

so right now we are simultaneously live

22

00:01:17,510 --> 00:01:15,600

on twitch youtube facebook and periscope

23

00:01:19,190 --> 00:01:17,520

but if you want to join in the chat and

24

00:01:20,870 --> 00:01:19,200

ask our guests questions you need to do

25

00:01:23,749 --> 00:01:20,880

that on twitch so join us at

26

00:01:26,550 --> 00:01:23,759

www.twitch.tv

27

00:01:29,990 --> 00:01:26,560

nasa all right so today we are talking

28

00:01:32,390 --> 00:01:30,000

about how to get an internship at nasa

29

00:01:35,109 --> 00:01:32,400

and this is a fitting topic because it

30

00:01:36,010 --> 00:01:35,119

is national intern day

31

00:01:37,670 --> 00:01:36,020

happy nationally

32

00:01:39,510 --> 00:01:37,680

[Music]

33

00:01:42,389 --> 00:01:39,520

so joining us today to answer your

34

00:01:44,550 --> 00:01:42,399

questions are our guests haley and abel

35

00:01:47,190 --> 00:01:44,560

say hi and tell us a little bit about

36

00:01:48,789 --> 00:01:47,200

yourself sure i'm haley feck i am a

37

00:01:50,950 --> 00:01:48,799

coordinator for the nasa internship

38

00:01:53,030 --> 00:01:50,960

program here at ames research center so

39

00:01:54,789 --> 00:01:53,040

i get to help bring students here to

40

00:01:57,510 --> 00:01:54,799

ames and then support them throughout

41

00:01:59,429 --> 00:01:57,520

their time here awesome yeah nice job

42

00:02:00,550 --> 00:01:59,439

abby uh happy national interim day thank

43

00:02:02,149 --> 00:02:00,560

you so much

44

00:02:03,670 --> 00:02:02,159

my name is abel morales i'm also an

45

00:02:04,950 --> 00:02:03,680

intern program coordinator here at nasa

46

00:02:06,310 --> 00:02:04,960

ames but i'm also the internship

47

00:02:08,790 --> 00:02:06,320

communications coordinator for the

48

00:02:10,389 --> 00:02:08,800

agency so in that role specifically i

49

00:02:12,150 --> 00:02:10,399

get to engage the public to the internet

50

00:02:13,910 --> 00:02:12,160

experience um and i do this by

51
00:02:16,630 --> 00:02:13,920
highlighting uh all the fun things that

52
00:02:18,390 --> 00:02:16,640
our interns you know do uh across our

53
00:02:20,470 --> 00:02:18,400
social media platforms oh sweet

54
00:02:22,869 --> 00:02:20,480
excellent all across nasa

55
00:02:24,390 --> 00:02:22,879
very cool nice job also

56
00:02:26,070 --> 00:02:24,400
so before we get into talking about

57
00:02:27,750 --> 00:02:26,080
internships i want to remind our

58
00:02:29,830 --> 00:02:27,760
audience that we're counting down to an

59
00:02:32,390 --> 00:02:29,840
important milestone in human space

60
00:02:34,229 --> 00:02:32,400
exploration so five years from now we're

61
00:02:36,630 --> 00:02:34,239
planning to send the first woman and the

62
00:02:39,030 --> 00:02:36,640
next man to the surface of the moon as

63
00:02:41,110 --> 00:02:39,040

part of our artemis program and this

64

00:02:44,070 --> 00:02:41,120

clock you see right here is counting

65

00:02:46,790 --> 00:02:44,080

down the days hours minutes and seconds

66

00:02:48,550 --> 00:02:46,800

until 2024 when our astronauts will

67

00:02:51,430 --> 00:02:48,560

return to the moon so we'll talk more

68

00:02:54,070 --> 00:02:51,440

about that later in the show and get on

69

00:02:55,990 --> 00:02:54,080

to our main topic today so every show

70

00:02:58,710 --> 00:02:56,000

that we do we're always asked the same

71

00:03:00,710 --> 00:02:58,720

question how can i work at nasa so one

72

00:03:01,830 --> 00:03:00,720

of the ways to get started is to become

73

00:03:03,910 --> 00:03:01,840

an intern

74

00:03:05,110 --> 00:03:03,920

so that's our first question for you

75

00:03:06,630 --> 00:03:05,120

guys today

76
00:03:08,710 --> 00:03:06,640
everybody wants to know how do i get an

77
00:03:10,149 --> 00:03:08,720
internship at nasa right so it's

78
00:03:12,309 --> 00:03:10,159
probably the most common question that

79
00:03:14,790 --> 00:03:12,319
we get uh and the first thing we would

80
00:03:17,030 --> 00:03:14,800
just recommend uh students to do is to

81
00:03:20,470 --> 00:03:17,040
apply you know just apply yeah it's just

82
00:03:22,869 --> 00:03:20,480
as simple as that yes yes yes so um

83
00:03:25,350 --> 00:03:22,879
internships from nasa are all posted on

84
00:03:27,190 --> 00:03:25,360
uh one specific application system and

85
00:03:29,350 --> 00:03:27,200
that's intern.nasa.gov

86
00:03:31,350 --> 00:03:29,360
okay so what's you know great about that

87
00:03:33,670 --> 00:03:31,360
application system is that uh internship

88
00:03:34,550 --> 00:03:33,680

opportunities are available year round

89

00:03:36,789 --> 00:03:34,560

so

90

00:03:38,229 --> 00:03:36,799

we have uh three sessions which are fall

91

00:03:40,990 --> 00:03:38,239

spring and summer

92

00:03:43,190 --> 00:03:41,000

so um you know again um through

93

00:03:45,910 --> 00:03:43,200

interim.nasa.gov students have the

94

00:03:48,070 --> 00:03:45,920

ability to apply to up to 15 opportunity

95

00:03:50,630 --> 00:03:48,080

projects and these projects are

96

00:03:51,990 --> 00:03:50,640

available for all students so in high

97

00:03:53,429 --> 00:03:52,000

school if you're a high school student

98

00:03:55,190 --> 00:03:53,439

if you're undergraduate student and a

99

00:03:57,670 --> 00:03:55,200

graduate student you can apply through

100

00:03:59,429 --> 00:03:57,680

international.gov okay all sorts of

101
00:04:02,070 --> 00:03:59,439
opportunities people at different levels

102
00:04:03,589 --> 00:04:02,080
right very cool um what what does it

103
00:04:05,750 --> 00:04:03,599
look like you're talking about searching

104
00:04:07,350 --> 00:04:05,760
for projects on the on the site what

105
00:04:09,670 --> 00:04:07,360
kinds of projects do we mean and what

106
00:04:12,149 --> 00:04:09,680
does that look like yeah so like able

107
00:04:14,070 --> 00:04:12,159
said the whole agency uses this one

108
00:04:16,469 --> 00:04:14,080
portal so each of the centers not just

109
00:04:18,870 --> 00:04:16,479
aims use the site to post their projects

110
00:04:20,949 --> 00:04:18,880
for interns um and the way it works you

111
00:04:22,550 --> 00:04:20,959
upload one application so you're filling

112
00:04:24,150 --> 00:04:22,560
out you know your

113
00:04:26,310 --> 00:04:24,160

your school your major your work

114

00:04:27,990 --> 00:04:26,320

experience things like that um all in

115

00:04:29,189 --> 00:04:28,000

one place and once that's complete and

116

00:04:30,629 --> 00:04:29,199

submitted

117

00:04:32,629 --> 00:04:30,639

you can search the portal for different

118

00:04:33,990 --> 00:04:32,639

projects and so

119

00:04:35,510 --> 00:04:34,000

you can search you know you can search

120

00:04:37,830 --> 00:04:35,520

by major you can search by keywords

121

00:04:39,670 --> 00:04:37,840

interests and um you can apply it up to

122

00:04:41,670 --> 00:04:39,680

15 of those projects is it like

123

00:04:43,590 --> 00:04:41,680

searching through job postings

124

00:04:45,510 --> 00:04:43,600

new new jobs available for instance

125

00:04:47,430 --> 00:04:45,520

there's their description of the project

126

00:04:49,670 --> 00:04:47,440

um it'll tell you what center is located

127

00:04:51,510 --> 00:04:49,680

at and any skill certain skills that

128

00:04:52,950 --> 00:04:51,520

they're looking for okay why don't you

129

00:04:54,710 --> 00:04:52,960

tell us a little bit about the different

130

00:04:55,990 --> 00:04:54,720

nasa centers yeah you cover all of them

131

00:04:57,749 --> 00:04:56,000

in the portal right that's right that's

132

00:04:59,909 --> 00:04:57,759

right so there's 10 nasa centers as well

133

00:05:01,670 --> 00:04:59,919

as a few field sites and all of them

134

00:05:04,790 --> 00:05:01,680

offer internships and they're all

135

00:05:07,749 --> 00:05:04,800

located at that intern.nasa.gov

136

00:05:09,830 --> 00:05:07,759

and so yeah we're obviously here in

137

00:05:12,790 --> 00:05:09,840

silicon valley california but there's

138

00:05:14,070 --> 00:05:12,800

nasa centers down in southern california

139

00:05:16,070 --> 00:05:14,080

armstrong flight

140

00:05:18,469 --> 00:05:16,080

research center right there's obviously

141

00:05:20,710 --> 00:05:18,479

johnson space center in houston texas

142

00:05:23,029 --> 00:05:20,720

we have kennedy space center in florida

143

00:05:25,350 --> 00:05:23,039

so all sorts of different places

144

00:05:27,029 --> 00:05:25,360

some interns they choose to apply to

145

00:05:29,110 --> 00:05:27,039

centers close to home

146

00:05:31,110 --> 00:05:29,120

so whatever's nearest to them but also

147

00:05:33,430 --> 00:05:31,120

each center has kind of their own area

148

00:05:34,629 --> 00:05:33,440

of expertise so if you research the

149

00:05:36,150 --> 00:05:34,639

centers

150

00:05:37,749 --> 00:05:36,160

and kind of find what aligns best with

151

00:05:39,430 --> 00:05:37,759

your interest you can kind of tailor

152

00:05:40,390 --> 00:05:39,440

your applications to that oh yeah yeah

153

00:05:42,150 --> 00:05:40,400

that makes sense if you want to do

154

00:05:43,990 --> 00:05:42,160

biology if you want to do aerospace

155

00:05:46,629 --> 00:05:44,000

engineering you can find a good center

156

00:05:48,870 --> 00:05:46,639

for that for sure for sure outstanding

157

00:05:50,550 --> 00:05:48,880

all right so what are some of the

158

00:05:51,590 --> 00:05:50,560

specific requirements that people are

159

00:05:53,670 --> 00:05:51,600

going to face

160

00:05:55,670 --> 00:05:53,680

when they want to apply right

161

00:05:57,029 --> 00:05:55,680

so we have four eligibility requirements

162

00:05:58,550 --> 00:05:57,039

the first one is that you have to be a

163

00:05:59,670 --> 00:05:58,560

us citizen

164

00:06:02,309 --> 00:05:59,680

and then the next one is that you at

165

00:06:04,309 --> 00:06:02,319

least have to be 16 years of age

166

00:06:06,870 --> 00:06:04,319

the third is that you have to be

167

00:06:09,029 --> 00:06:06,880

enrolled in a degree uh granting program

168

00:06:11,350 --> 00:06:09,039

or institution and the last one is that

169

00:06:13,830 --> 00:06:11,360

you at least have to have a 3.0 gpa on a

170

00:06:15,189 --> 00:06:13,840

4.0 scale all right okay people can

171

00:06:17,110 --> 00:06:15,199

probably find that stuff on the portal

172

00:06:18,870 --> 00:06:17,120

as well definitely yes okay we'll talk

173

00:06:21,189 --> 00:06:18,880

more about those as well so another

174

00:06:23,110 --> 00:06:21,199

question we always get on the show is

175

00:06:25,350 --> 00:06:23,120

what should i study if i want to work at

176

00:06:27,350 --> 00:06:25,360

nasa do i have to do

177

00:06:29,749 --> 00:06:27,360

aeronautical engineering right you need

178

00:06:32,150 --> 00:06:29,759

to be this kind of person yeah other

179

00:06:34,070 --> 00:06:32,160

specific majors you recommend so we are

180

00:06:35,830 --> 00:06:34,080

nasa we're pretty stem focused it's a

181

00:06:36,790 --> 00:06:35,840

lot of science technology engineering

182

00:06:38,550 --> 00:06:36,800

and math

183

00:06:41,110 --> 00:06:38,560

those are probably the majority of our

184

00:06:43,430 --> 00:06:41,120

internships but we also do have non-stem

185

00:06:45,189 --> 00:06:43,440

opportunities we have interns in the

186

00:06:48,070 --> 00:06:45,199

business office we have interns in the

187

00:06:50,629 --> 00:06:48,080

legal office the education office

188

00:06:52,469 --> 00:06:50,639

communications office so right nasa

189

00:06:53,909 --> 00:06:52,479

really does need everyone and you know

190

00:06:55,589 --> 00:06:53,919

they need all kinds of interns and all

191

00:06:56,790 --> 00:06:55,599

kinds of perspectives so right there's a

192

00:06:58,150 --> 00:06:56,800

little something for everyone i think

193

00:06:59,909 --> 00:06:58,160

that's great i think it's always a

194

00:07:01,430 --> 00:06:59,919

surprise to people that like oh if i'm

195

00:07:03,110 --> 00:07:01,440

interested in being a lawyer actually

196

00:07:05,110 --> 00:07:03,120

maybe i could work for nasa

197

00:07:06,309 --> 00:07:05,120

i think exactly you can be people like

198

00:07:08,070 --> 00:07:06,319

us right

199

00:07:10,390 --> 00:07:08,080

we're not actually scientists but we get

200

00:07:12,230 --> 00:07:10,400

to contribute to the missions yeah and

201
00:07:13,589 --> 00:07:12,240
you know just going off of that um we

202
00:07:15,350 --> 00:07:13,599
always tell students that you don't know

203
00:07:16,950 --> 00:07:15,360
what projects are available so i think

204
00:07:19,029 --> 00:07:16,960
part of that is for them to kind of

205
00:07:21,110 --> 00:07:19,039
check out uh internet nasa.gov and see

206
00:07:22,390 --> 00:07:21,120
what's out there so what uh haley

207
00:07:23,830 --> 00:07:22,400
mentioned earlier each center is

208
00:07:26,469 --> 00:07:23,840
different and the needs are different at

209
00:07:27,670 --> 00:07:26,479
each center so just we just encourage

210
00:07:28,870 --> 00:07:27,680
everyone to do their research and see

211
00:07:30,870 --> 00:07:28,880
what's out there yeah that sounds

212
00:07:33,589 --> 00:07:30,880
exciting go explore dig in there and see

213
00:07:36,070 --> 00:07:33,599

what's available right yeah yeah so when

214

00:07:37,589 --> 00:07:36,080

and how exactly should people go about

215

00:07:38,629 --> 00:07:37,599

preparing their application and

216

00:07:40,550 --> 00:07:38,639

submitting

217

00:07:42,629 --> 00:07:40,560

right great question so um as i

218

00:07:45,430 --> 00:07:42,639

mentioned earlier the application system

219

00:07:46,790 --> 00:07:45,440

is intern.nasa yeah so

220

00:07:48,629 --> 00:07:46,800

um it's always important to know the

221

00:07:51,270 --> 00:07:48,639

deadlines um as i mentioned you know we

222

00:07:54,869 --> 00:07:51,280

have three uh sessions that we accept uh

223

00:07:57,270 --> 00:07:54,879

interns so that's fall spring and summer

224

00:07:58,390 --> 00:07:57,280

and uh it's always great to apply early

225

00:08:00,070 --> 00:07:58,400

and plan ahead

226

00:08:02,150 --> 00:08:00,080

so for you know the application

227

00:08:04,150 --> 00:08:02,160

deadlines you can visit intern.nasa.gov

228

00:08:07,029 --> 00:08:04,160

to see what's ahead now would be a great

229

00:08:09,749 --> 00:08:07,039

time to start uh applying for uh spring

230

00:08:11,670 --> 00:08:09,759

2020. oh really right so

231

00:08:13,270 --> 00:08:11,680

that's pretty far in advance right i was

232

00:08:15,430 --> 00:08:13,280

going to ask you how far it advances

233

00:08:17,270 --> 00:08:15,440

early right anywhere from at least one

234

00:08:20,230 --> 00:08:17,280

to three months ahead so

235

00:08:23,110 --> 00:08:20,240

um things to expect uh you can at least

236

00:08:23,909 --> 00:08:23,120

expect to have one letter recommendation

237

00:08:25,350 --> 00:08:23,919

so

238

00:08:27,189 --> 00:08:25,360

uh one thing we always recommend to

239

00:08:28,710 --> 00:08:27,199

students is that you know try to select

240

00:08:30,070 --> 00:08:28,720

someone that can speak highly of you you

241

00:08:31,830 --> 00:08:30,080

know whether that be your work

242

00:08:34,709 --> 00:08:31,840

experience a

243

00:08:36,389 --> 00:08:34,719

college advisor or a college professor

244

00:08:38,149 --> 00:08:36,399

um again you know we want them to

245

00:08:40,310 --> 00:08:38,159

highlight you know your strengths

246

00:08:42,230 --> 00:08:40,320

um you can definitely have more than one

247

00:08:44,149 --> 00:08:42,240

letter of recommendation but if you're

248

00:08:45,910 --> 00:08:44,159

uh if in order for your profile to be

249

00:08:46,949 --> 00:08:45,920

complete you at least need one okay

250

00:08:48,550 --> 00:08:46,959

makes sense

251

00:08:50,630 --> 00:08:48,560

uh the second thing is that you can

252

00:08:53,110 --> 00:08:50,640

expect to provide a transcript so again

253

00:08:56,150 --> 00:08:53,120

we need to verify that you have a 3.0 um

254

00:08:57,829 --> 00:08:56,160

you know based on a 4.0 scale yeah um

255

00:08:59,829 --> 00:08:57,839

and then the application system itself

256

00:09:02,389 --> 00:08:59,839

will also ask for a personal statement

257

00:09:04,150 --> 00:09:02,399

so we expect to you know answer why you

258

00:09:05,750 --> 00:09:04,160

and why do you want to internet nasa

259

00:09:07,110 --> 00:09:05,760

yeah yeah so

260

00:09:08,630 --> 00:09:07,120

all of these are good reasons to start

261

00:09:10,550 --> 00:09:08,640

early right i know it takes time to

262

00:09:12,630 --> 00:09:10,560

order that transcript and give your

263

00:09:14,949 --> 00:09:12,640

professor more than a few days to write

264

00:09:16,710 --> 00:09:14,959

your letter right right right yeah and

265

00:09:18,949 --> 00:09:16,720

something we recommend a lot is you know

266

00:09:20,389 --> 00:09:18,959

get started on the application part well

267

00:09:21,990 --> 00:09:20,399

in advance you know months in advance

268

00:09:24,310 --> 00:09:22,000

but then keep checking back because

269

00:09:25,670 --> 00:09:24,320

sometimes new projects are uploaded um

270

00:09:27,430 --> 00:09:25,680

all the time so keep checking back to

271

00:09:30,070 --> 00:09:27,440

see you know what's there okay it's

272

00:09:31,350 --> 00:09:30,080

available so it's a rolling system yeah

273

00:09:33,509 --> 00:09:31,360

right kind of how the projects are

274

00:09:35,269 --> 00:09:33,519

posted it is yeah all right yeah the

275

00:09:37,910 --> 00:09:35,279

last thing um that i also just want to

276

00:09:40,150 --> 00:09:37,920

add is that a resume is optional uh but

277

00:09:42,470 --> 00:09:40,160

it's highly encouraged so again you know

278

00:09:44,070 --> 00:09:42,480

a resume uh is just a quick snapshot of

279

00:09:45,990 --> 00:09:44,080

who you are right so

280

00:09:47,990 --> 00:09:46,000

this is a great time for you to

281

00:09:49,990 --> 00:09:48,000

highlight what stem or nasa experience

282

00:09:51,430 --> 00:09:50,000

you may have and again you know uh

283

00:09:53,829 --> 00:09:51,440

there's different people looking at your

284

00:09:55,509 --> 00:09:53,839

application us and also the mentors so

285

00:09:57,030 --> 00:09:55,519

again uh it's a great opportunity for

286

00:09:59,030 --> 00:09:57,040

you to mention what experience you have

287

00:10:00,949 --> 00:09:59,040

okay right and have some bullets of of

288

00:10:02,790 --> 00:10:00,959

interest to your applications yeah all

289

00:10:05,030 --> 00:10:02,800

right that makes sense okay so that's

290

00:10:06,310 --> 00:10:05,040

like the nitty-gritty the nuts and bolts

291

00:10:08,630 --> 00:10:06,320

of applying

292

00:10:09,829 --> 00:10:08,640

let's talk about why people should you

293

00:10:12,550 --> 00:10:09,839

know what's so great about being an

294

00:10:15,509 --> 00:10:12,560

intern at nasa yeah well for starters

295

00:10:18,550 --> 00:10:15,519

you're at nasa um

296

00:10:20,310 --> 00:10:18,560

great time here yeah you get to meet the

297

00:10:22,069 --> 00:10:20,320

most amazing people you get to see the

298

00:10:23,990 --> 00:10:22,079

most amazing things you get to really

299

00:10:26,470 --> 00:10:24,000

just like geek out for 10 weeks or

300

00:10:28,949 --> 00:10:26,480

however long you're here so it's yeah

301
00:10:31,269 --> 00:10:28,959
incredible experience first of all nasa

302
00:10:33,110 --> 00:10:31,279
aside but um the thing that's unique

303
00:10:35,430 --> 00:10:33,120
about our internship program

304
00:10:37,509 --> 00:10:35,440
is that interns they're working

305
00:10:39,910 --> 00:10:37,519
hands-on on projects actual nasa

306
00:10:42,069 --> 00:10:39,920
projects so you're paired with a mentor

307
00:10:43,990 --> 00:10:42,079
who's usually you know a project lead or

308
00:10:45,030 --> 00:10:44,000
some sort of expert in their field and

309
00:10:46,389 --> 00:10:45,040
they're

310
00:10:48,710 --> 00:10:46,399
and you're working on their project

311
00:10:50,310 --> 00:10:48,720
you're an integral part of it um so you

312
00:10:51,829 --> 00:10:50,320
get to do something you know that's

313
00:10:53,670 --> 00:10:51,839

actually a part of a nasa mission which

314

00:10:55,110 --> 00:10:53,680

is really cool yeah yeah yeah um so not

315

00:10:56,389 --> 00:10:55,120

just watching you're not standing by

316

00:10:58,550 --> 00:10:56,399

watching them we're not just getting

317

00:11:00,949 --> 00:10:58,560

coffee and you know checking emails like

318

00:11:02,470 --> 00:11:00,959

you're actually doing research um which

319

00:11:04,949 --> 00:11:02,480

is awesome and so it's exciting

320

00:11:07,350 --> 00:11:04,959

especially right now with the artemis

321

00:11:08,949 --> 00:11:07,360

program we have students who their work

322

00:11:10,870 --> 00:11:08,959

is you know directly related to the

323

00:11:12,870 --> 00:11:10,880

artemis program so they're helping to

324

00:11:15,430 --> 00:11:12,880

put the first woman and the next man on

325

00:11:17,350 --> 00:11:15,440

the moon by 2024 and right on to march

326

00:11:18,310 --> 00:11:17,360

so yeah it's a really exciting time to

327

00:11:20,630 --> 00:11:18,320

be an entrepreneur and they're also

328

00:11:22,710 --> 00:11:20,640

interning during the 50th anniversary

329

00:11:24,949 --> 00:11:22,720

yes this past week which a lot of our

330

00:11:27,670 --> 00:11:24,959

interns got to celebrate perfect timing

331

00:11:30,230 --> 00:11:27,680

lucky interns this summer excellent

332

00:11:32,150 --> 00:11:30,240

so i know that the work they're doing

333

00:11:34,870 --> 00:11:32,160

here could potentially lead to their

334

00:11:36,550 --> 00:11:34,880

future careers right and actually haley

335

00:11:38,949 --> 00:11:36,560

that's what happened for you

336

00:11:41,590 --> 00:11:38,959

tell us about your story of interning um

337

00:11:43,269 --> 00:11:41,600

so a few years ago i was actually an

338

00:11:44,150 --> 00:11:43,279

asset intern myself

339

00:12:30,710 --> 00:11:44,160

i

340

00:12:31,990 --> 00:12:30,720

the space launch system the new rocket

341

00:12:34,550 --> 00:12:32,000

that's coming and you really felt that

342

00:12:36,150 --> 00:12:34,560

excitement yeah so i totally understand

343

00:12:37,829 --> 00:12:36,160

the excitement for artemis that our

344

00:12:39,990 --> 00:12:37,839

interns are feeling now because i was at

345

00:12:41,750 --> 00:12:40,000

marshall i obviously wasn't working on

346

00:12:43,670 --> 00:12:41,760

the rocket or doing anything related but

347

00:12:45,269 --> 00:12:43,680

i just i felt a part of it and it was

348

00:12:48,069 --> 00:12:45,279

really exciting and it made me want to

349

00:12:50,389 --> 00:12:48,079

stay so so cool yeah good for you just

350

00:12:52,310 --> 00:12:50,399

want to add that these type of success

351

00:12:54,949 --> 00:12:52,320

stories are relatively common here at

352

00:12:56,470 --> 00:12:54,959

nasa it's amazing um and in my position

353

00:12:58,949 --> 00:12:56,480

as i mentioned i get to highlight a lot

354

00:13:01,350 --> 00:12:58,959

of these uh great uh intern highlights

355

00:13:03,190 --> 00:13:01,360

and um just on top of my head i know

356

00:13:05,509 --> 00:13:03,200

here at nasa ames research center our

357

00:13:07,829 --> 00:13:05,519

center director eugene tu was a former

358

00:13:09,030 --> 00:13:07,839

intern that's right you forgot that

359

00:13:10,949 --> 00:13:09,040

definitely

360

00:13:12,629 --> 00:13:10,959

um and i know we've also highlighted on

361

00:13:15,110 --> 00:13:12,639

our social media platforms that uh

362

00:13:16,949 --> 00:13:15,120

marshall space flight center um jody

363

00:13:19,030 --> 00:13:16,959

singer was also a former intern the

364

00:13:21,509 --> 00:13:19,040

director there yeah yeah yeah i'm in

365

00:13:22,230 --> 00:13:21,519

good company yeah

366

00:13:24,629 --> 00:13:22,240

uh

367

00:13:26,389 --> 00:13:24,639

and then lastly um our associate

368

00:13:28,230 --> 00:13:26,399

administrator for some engagement uh

369

00:13:30,389 --> 00:13:28,240

mike and kade was also a former intern

370

00:13:32,790 --> 00:13:30,399

as well so again you know so great the

371

00:13:34,790 --> 00:13:32,800

possibilities are endless right right

372

00:13:36,150 --> 00:13:34,800

this could be where it all begins

373

00:13:39,030 --> 00:13:36,160

outstanding

374

00:13:40,870 --> 00:13:39,040

well that is enough talk about the

375

00:13:43,189 --> 00:13:40,880

interns how about we meet one i know you

376

00:13:44,949 --> 00:13:43,199

guys brought some guests with you so

377

00:13:51,269 --> 00:13:44,959

let's go ahead and meet our first real

378

00:13:56,629 --> 00:13:52,310

hey

379

00:14:01,030 --> 00:13:59,030

welcome how are you thank you for having

380

00:14:02,710 --> 00:14:01,040

me i'm doing great how are you guys well

381

00:14:04,230 --> 00:14:02,720

we're great we're excited to talk to you

382

00:14:05,509 --> 00:14:04,240

about what you're doing here this summer

383

00:14:07,030 --> 00:14:05,519

at nasa why don't you tell everybody

384

00:14:08,790 --> 00:14:07,040

your name and where do you go to school

385

00:14:11,430 --> 00:14:08,800

what are you studying so my name is

386

00:14:13,509 --> 00:14:11,440

jordan garland i'm a biology chemistry

387

00:14:15,750 --> 00:14:13,519

double major with an emphasis in pre-med

388

00:14:17,189 --> 00:14:15,760

and a minor in psychology at kentucky

389

00:14:19,910 --> 00:14:17,199

wesleyan college

390

00:14:21,750 --> 00:14:19,920

okay not bad really impressive it's a

391

00:14:23,189 --> 00:14:21,760

long time

392

00:14:24,870 --> 00:14:23,199

outstanding so

393

00:14:28,310 --> 00:14:24,880

what are you working on here at nasa

394

00:14:30,710 --> 00:14:28,320

this summer so i am lucky enough to be

395

00:14:33,189 --> 00:14:30,720

working on this really cool project on

396

00:14:35,590 --> 00:14:33,199

the astrobiology and life support branch

397

00:14:36,389 --> 00:14:35,600

here at nasa ames working with the water

398

00:14:39,509 --> 00:14:36,399

group

399

00:14:41,670 --> 00:14:39,519

so the big issue for us is water is

400

00:14:44,310 --> 00:14:41,680

obviously very important in space

401
00:14:46,949 --> 00:14:44,320
and we use a lot for our technology for

402
00:14:48,949 --> 00:14:46,959
life support and so we're doing research

403
00:14:50,790 --> 00:14:48,959
on using nanoparticles to try to

404
00:14:52,790 --> 00:14:50,800
sterilize that water so then we don't

405
00:14:55,829 --> 00:14:52,800
run into any type of mutations that

406
00:14:57,509 --> 00:14:55,839
could damage the aircraft damage you

407
00:14:59,030 --> 00:14:57,519
know any of our life support systems

408
00:15:01,030 --> 00:14:59,040
okay so that's what i've been doing all

409
00:15:03,030 --> 00:15:01,040
summer so water is critical right

410
00:15:05,269 --> 00:15:03,040
because when you say life support that

411
00:15:07,829 --> 00:15:05,279
can be just drinking water right um but

412
00:15:10,230 --> 00:15:07,839
then also we can make rocket fuel gather

413
00:15:11,990 --> 00:15:10,240

from water so it's an important resource

414

00:15:13,590 --> 00:15:12,000

we're constantly recycling it and

415

00:15:16,470 --> 00:15:13,600

reusing it so we want to make sure it's

416

00:15:18,629 --> 00:15:16,480

clean nothing goes wrong um so that's

417

00:15:20,710 --> 00:15:18,639

where my job plays in all right

418

00:15:22,790 --> 00:15:20,720

excellent important stuff yes very

419

00:15:24,790 --> 00:15:22,800

important really cool yeah and you

420

00:15:26,470 --> 00:15:24,800

really do you feel like you're part of

421

00:15:28,069 --> 00:15:26,480

the mission because you're working

422

00:15:30,470 --> 00:15:28,079

you're contributing towards the artemis

423

00:15:32,870 --> 00:15:30,480

program do you feel that yes it's so

424

00:15:34,470 --> 00:15:32,880

insane and i was talking about it

425

00:15:36,790 --> 00:15:34,480

yesterday i mean my grandparents

426
00:15:38,710 --> 00:15:36,800
remember like the moon landing and the

427
00:15:41,430 --> 00:15:38,720
fact that my generation gets to be a

428
00:15:44,150 --> 00:15:41,440
part of something so amazing and this

429
00:15:46,550 --> 00:15:44,160
big milestone of the artemis program is

430
00:15:49,509 --> 00:15:46,560
incredible and with this internship you

431
00:15:52,870 --> 00:15:49,519
really feel like you're doing work that

432
00:15:56,150 --> 00:15:52,880
has purpose where um you're actually

433
00:15:57,910 --> 00:15:56,160
hands-on and we're doing real research

434
00:16:00,230 --> 00:15:57,920
and we're not just getting coffee or

435
00:16:02,310 --> 00:16:00,240
filling out paperwork and it's very

436
00:16:03,670 --> 00:16:02,320
special i know everyone here all the

437
00:16:05,829 --> 00:16:03,680
interns have been

438
00:16:07,990 --> 00:16:05,839

freaking out and just loving it that we

439

00:16:10,069 --> 00:16:08,000

feel like even if it's a tiny role we

440

00:16:11,430 --> 00:16:10,079

get to have some sort of role for the

441

00:16:12,790 --> 00:16:11,440

future

442

00:16:14,870 --> 00:16:12,800

in space

443

00:16:16,150 --> 00:16:14,880

i think everybody at nasa feels that so

444

00:16:18,230 --> 00:16:16,160

i'm really glad you're getting that this

445

00:16:21,110 --> 00:16:18,240

summer even yeah and i almost forgot

446

00:16:22,470 --> 00:16:21,120

that we had a little animation to show

447

00:16:24,069 --> 00:16:22,480

of the kinds of things

448

00:16:25,990 --> 00:16:24,079

your work could support of humans

449

00:16:27,910 --> 00:16:26,000

working on mars so if we have that

450

00:16:30,230 --> 00:16:27,920

available we could run that while we

451

00:16:32,949 --> 00:16:30,240

talk a little bit more about your works

452

00:16:35,030 --> 00:16:32,959

can you describe a little bit about your

453

00:16:37,350 --> 00:16:35,040

water purification or

454

00:16:39,910 --> 00:16:37,360

or how you feel you're contributing yeah

455

00:16:43,030 --> 00:16:39,920

it's really crazy water is used in so

456

00:16:45,110 --> 00:16:43,040

much in space with you know the artemis

457

00:16:47,350 --> 00:16:45,120

mission from moon to mars working with

458

00:16:49,269 --> 00:16:47,360

life support working with

459

00:16:50,629 --> 00:16:49,279

just the technologies that they run you

460

00:16:52,389 --> 00:16:50,639

know you need to filter water through

461

00:16:54,870 --> 00:16:52,399

that so it's

462

00:16:56,550 --> 00:16:54,880

my job is using nanoparticles and

463

00:16:59,269 --> 00:16:56,560

different type of like chemical

464

00:17:01,110 --> 00:16:59,279

reactions to try to find ways to avoid

465

00:17:02,790 --> 00:17:01,120

any mutation so that we can make sure

466

00:17:04,069 --> 00:17:02,800

everything's safe and running so that's

467

00:17:06,390 --> 00:17:04,079

like if there's bacteria in the water

468

00:17:08,870 --> 00:17:06,400

yeah if there's any bacteria or anything

469

00:17:11,590 --> 00:17:08,880

like that um it's really a special thing

470

00:17:14,470 --> 00:17:11,600

to be a part of and like i said you feel

471

00:17:16,630 --> 00:17:14,480

like you're doing like real work and

472

00:17:18,710 --> 00:17:16,640

that's so exciting and the energy here

473

00:17:20,549 --> 00:17:18,720

is just so high being able to you know

474

00:17:21,909 --> 00:17:20,559

work at nasa and

475

00:17:24,390 --> 00:17:21,919

be able to

476

00:17:25,350 --> 00:17:24,400

have work that matters it's very very

477

00:17:26,789 --> 00:17:25,360

special

478

00:17:28,549 --> 00:17:26,799

i can imagine

479

00:17:31,909 --> 00:17:28,559

are you at all surprised to hear this or

480

00:17:33,909 --> 00:17:31,919

is this typical of interns reactions

481

00:17:36,230 --> 00:17:33,919

intern experiences yeah this is really

482

00:17:37,350 --> 00:17:36,240

typical when we meet with our interns

483

00:17:39,110 --> 00:17:37,360

you know they

484

00:17:40,630 --> 00:17:39,120

they tell stories about their friends

485

00:17:42,310 --> 00:17:40,640

who are maybe working somewhere else and

486

00:17:43,590 --> 00:17:42,320

they're like you know they just they

487

00:17:45,590 --> 00:17:43,600

don't have an experience like this they

488

00:17:48,150 --> 00:17:45,600

don't get to do something that's real

489

00:17:50,150 --> 00:17:48,160

that you know will be used at nasa for

490

00:17:51,669 --> 00:17:50,160

years and years and years so yeah yeah

491

00:17:53,190 --> 00:17:51,679

you're part of something that that

492

00:17:55,029 --> 00:17:53,200

continues even after you finish your

493

00:17:57,350 --> 00:17:55,039

internship which is pretty cool that's

494

00:17:58,630 --> 00:17:57,360

amazing so yeah someday you know you'll

495

00:18:00,870 --> 00:17:58,640

get to say those astronauts they're

496

00:18:02,390 --> 00:18:00,880

using something that i worked on it's

497

00:18:04,150 --> 00:18:02,400

basically i'm

498

00:18:05,110 --> 00:18:04,160

really helping out i'm making a big

499

00:18:06,470 --> 00:18:05,120

difference

500

00:18:09,110 --> 00:18:06,480

it was all you

501
00:18:10,630 --> 00:18:09,120
everybody is no one else yeah it's

502
00:18:12,230 --> 00:18:10,640
always empowering hearing stories like

503
00:18:14,230 --> 00:18:12,240
this so yeah this is what you make

504
00:18:15,990 --> 00:18:14,240
possible definitely awesome what was

505
00:18:17,510 --> 00:18:16,000
your reaction when you found out you

506
00:18:19,990 --> 00:18:17,520
were going to get an internship at nasa

507
00:18:23,110 --> 00:18:20,000
yes it was the day after my birthday

508
00:18:25,830 --> 00:18:23,120
funnily enough and i was with my best

509
00:18:28,630 --> 00:18:25,840
friend in the car and i get this email

510
00:18:30,710 --> 00:18:28,640
from haley saying like congratulations

511
00:18:33,430 --> 00:18:30,720
we selected you and yeah i was like a

512
00:18:36,150 --> 00:18:33,440
wreck like crying my eyes out like who

513
00:18:37,590 --> 00:18:36,160

doesn't dream of working at nasa like

514

00:18:39,510 --> 00:18:37,600

it's so incredible

515

00:18:43,029 --> 00:18:39,520

and i remember i was like on the phone

516

00:18:45,750 --> 00:18:43,039

with um all my family my mom my dad like

517

00:18:47,990 --> 00:18:45,760

freaking out i was texting everyone

518

00:18:50,390 --> 00:18:48,000

i was like a complete wreck and i that

519

00:18:52,230 --> 00:18:50,400

excitement has not died down even from

520

00:18:54,230 --> 00:18:52,240

being here like every day i wake up and

521

00:18:55,909 --> 00:18:54,240

i'm like oh my goodness like i'm at nasa

522

00:18:57,669 --> 00:18:55,919

like it's so cool who wouldn't want to

523

00:18:59,990 --> 00:18:57,679

say that i get to go to work i get to go

524

00:19:01,190 --> 00:19:00,000

to the gym so exciting that's

525

00:19:02,549 --> 00:19:01,200

so cool

526
00:19:05,110 --> 00:19:02,559
what was your first impression then when

527
00:19:06,870 --> 00:19:05,120
you got here were you intimidated

528
00:19:09,830 --> 00:19:06,880
when i first got here i'm a little

529
00:19:13,909 --> 00:19:09,840
emotional i will say that i um was

530
00:19:15,909 --> 00:19:13,919
driving and i saw the big like hanger

531
00:19:18,230 --> 00:19:15,919
and i just freaked out my mom was smith

532
00:19:20,710 --> 00:19:18,240
was with me and i was like oh my gosh

533
00:19:22,230 --> 00:19:20,720
mom like this is real like this is nasa

534
00:19:24,470 --> 00:19:22,240
i was just flipping out and i was

535
00:19:26,710 --> 00:19:24,480
texting my roommate here and she cried

536
00:19:28,470 --> 00:19:26,720
too so i felt a lot better

537
00:19:31,430 --> 00:19:28,480
and then it was very overwhelming when

538
00:19:34,710 --> 00:19:31,440

we had orientation and we got to meet

539

00:19:37,270 --> 00:19:34,720

our mentors and just everyone here is so

540

00:19:39,590 --> 00:19:37,280

excited and passionate and they're so

541

00:19:40,789 --> 00:19:39,600

nice i thought you know i'm an intern

542

00:19:42,630 --> 00:19:40,799

they're not going to take me seriously

543

00:19:45,350 --> 00:19:42,640

they're going to brush me aside but

544

00:19:47,669 --> 00:19:45,360

everyone was very like open arms very

545

00:19:49,430 --> 00:19:47,679

excited about like what we can do and

546

00:19:51,430 --> 00:19:49,440

what we bring to the table

547

00:19:53,750 --> 00:19:51,440

so it was really nice to feel like

548

00:19:55,750 --> 00:19:53,760

valued and important here at the center

549

00:19:57,590 --> 00:19:55,760

for sure yeah i always hear that around

550

00:19:59,350 --> 00:19:57,600

the center interns are actually really

551

00:20:01,430 --> 00:19:59,360

valuable members of the team right

552

00:20:03,669 --> 00:20:01,440

definitely yeah excellent do you have

553

00:20:04,950 --> 00:20:03,679

any advice for students who are thinking

554

00:20:07,350 --> 00:20:04,960

about applying

555

00:20:10,149 --> 00:20:07,360

so my advice would be

556

00:20:12,310 --> 00:20:10,159

to be confident um i for sure never

557

00:20:13,430 --> 00:20:12,320

thought that i would get this but i just

558

00:20:15,110 --> 00:20:13,440

applied

559

00:20:16,870 --> 00:20:15,120

um i think when you're doing your

560

00:20:19,590 --> 00:20:16,880

application they have a lot of like

561

00:20:21,750 --> 00:20:19,600

short answer type of questions i think

562

00:20:23,590 --> 00:20:21,760

you should really let your personality

563

00:20:26,230 --> 00:20:23,600

shine through because they're definitely

564

00:20:27,990 --> 00:20:26,240

looking for genuine people and if you

565

00:20:29,909 --> 00:20:28,000

are passionate about something if you

566

00:20:31,029 --> 00:20:29,919

love science and you

567

00:20:33,510 --> 00:20:31,039

make that

568

00:20:34,710 --> 00:20:33,520

very like your forefront i think a lot

569

00:20:36,789 --> 00:20:34,720

of people

570

00:20:39,190 --> 00:20:36,799

can't like really pick up on that so i

571

00:20:40,710 --> 00:20:39,200

would say all the mentors here they're

572

00:20:42,630 --> 00:20:40,720

really looking for

573

00:20:45,110 --> 00:20:42,640

you know an authentic

574

00:20:46,630 --> 00:20:45,120

well-rounded person so i would say

575

00:20:48,230 --> 00:20:46,640

definitely just

576

00:20:50,149 --> 00:20:48,240

be confident in yourself put your

577

00:20:51,990 --> 00:20:50,159

passions out there and don't be scared

578

00:20:54,070 --> 00:20:52,000

because you could get an internship

579

00:20:55,750 --> 00:20:54,080

that's right i don't i'm very grateful

580

00:20:57,830 --> 00:20:55,760

i'm here and i definitely when i applied

581

00:20:59,029 --> 00:20:57,840

was like i will not get this right right

582

00:21:00,950 --> 00:20:59,039

but i

583

00:21:03,029 --> 00:21:00,960

really just talked about my passions and

584

00:21:05,669 --> 00:21:03,039

the pre-med and life support and i'm

585

00:21:07,110 --> 00:21:05,679

here so my advice is just don't doubt

586

00:21:08,470 --> 00:21:07,120

yourself

587

00:21:10,149 --> 00:21:08,480

that's excellent

588

00:21:11,669 --> 00:21:10,159

good for you

589

00:21:13,990 --> 00:21:11,679

finding that confidence and you always

590

00:21:16,630 --> 00:21:14,000

got to say you can't get it unless i try

591

00:21:19,029 --> 00:21:16,640

so exactly exactly

592

00:21:21,029 --> 00:21:19,039

so uh when you applied were did you

593

00:21:22,390 --> 00:21:21,039

apply to multiple projects or did you

594

00:21:26,149 --> 00:21:22,400

focus on the one that you knew you

595

00:21:29,029 --> 00:21:26,159

really wanted so on the interns site you

596

00:21:30,710 --> 00:21:29,039

can apply to up to i think 15 right i

597

00:21:31,909 --> 00:21:30,720

think i applied to all of them it was

598

00:21:34,950 --> 00:21:31,919

very easy

599

00:21:38,390 --> 00:21:34,960

to apply they um have it all broken down

600

00:21:40,710 --> 00:21:38,400

by like major interests so i put in like

601
00:21:42,549 --> 00:21:40,720
medical biology chemistry the things

602
00:21:45,110 --> 00:21:42,559
that i'm passionate about and i chose a

603
00:21:46,710 --> 00:21:45,120
couple projects and i heard back from

604
00:21:49,190 --> 00:21:46,720
this one and i immediately was like yes

605
00:21:50,789 --> 00:21:49,200
do this one so yes yes definitely

606
00:21:51,830 --> 00:21:50,799
applied for many many because like it's

607
00:21:53,190 --> 00:21:51,840
nasa

608
00:21:55,590 --> 00:21:53,200
that seems like good advice there must

609
00:21:57,110 --> 00:21:55,600
be a lot of people applying right yeah

610
00:21:58,630 --> 00:21:57,120
definitely so did you apply to all

611
00:22:00,950 --> 00:21:58,640
different centers

612
00:22:03,669 --> 00:22:00,960
yes i applied to a lot of different

613
00:22:05,909 --> 00:22:03,679

centers mostly ames though because i

614

00:22:08,230 --> 00:22:05,919

love california i love the west coast

615

00:22:09,909 --> 00:22:08,240

and i just i really liked this center

616

00:22:10,789 --> 00:22:09,919

particularly but i applied to a bunch of

617

00:22:12,870 --> 00:22:10,799

them

618

00:22:15,029 --> 00:22:12,880

all right yeah cool

619

00:22:16,950 --> 00:22:15,039

any uh any other questions that you guys

620

00:22:18,630 --> 00:22:16,960

have always wanted to ask your interns

621

00:22:19,990 --> 00:22:18,640

once they've gotten here

622

00:22:21,669 --> 00:22:20,000

um

623

00:22:23,270 --> 00:22:21,679

what is something that surprised you

624

00:22:27,350 --> 00:22:23,280

about nasa yeah something you didn't

625

00:22:29,750 --> 00:22:27,360

expect me i would say how we do real

626

00:22:31,190 --> 00:22:29,760

work here like i kind of was walking

627

00:22:33,510 --> 00:22:31,200

into this thinking

628

00:22:35,110 --> 00:22:33,520

i'm going to be filling out paperwork or

629

00:22:37,270 --> 00:22:35,120

not being able to

630

00:22:38,870 --> 00:22:37,280

really work in a lab but i got here and

631

00:22:41,029 --> 00:22:38,880

my mentor was like

632

00:22:43,270 --> 00:22:41,039

free game like here's your lab here's

633

00:22:46,149 --> 00:22:43,280

the issue that we have and we want your

634

00:22:49,669 --> 00:22:46,159

ideas and i was very surprised to feel

635

00:22:51,270 --> 00:22:49,679

very valued here and to feel like if i

636

00:22:52,310 --> 00:22:51,280

was sitting in a meeting that i could

637

00:22:53,990 --> 00:22:52,320

actually

638

00:22:56,230 --> 00:22:54,000

bring something up and that would be

639

00:22:58,630 --> 00:22:56,240

taken into consideration

640

00:23:00,870 --> 00:22:58,640

and i was able to

641

00:23:02,630 --> 00:23:00,880

really do actual lab work like i work in

642

00:23:04,549 --> 00:23:02,640

a lab every single day and that that was

643

00:23:06,149 --> 00:23:04,559

surprising and then like the best way

644

00:23:08,789 --> 00:23:06,159

possible yeah

645

00:23:10,630 --> 00:23:08,799

so did you come in prepared already to

646

00:23:12,070 --> 00:23:10,640

know how to work in a lab or did they

647

00:23:14,070 --> 00:23:12,080

train you when you got here they did

648

00:23:16,390 --> 00:23:14,080

train me when i got here i had some lab

649

00:23:17,990 --> 00:23:16,400

experience but they're really good about

650

00:23:19,029 --> 00:23:18,000

like safety training making you feel

651
00:23:20,950 --> 00:23:19,039
comfortable

652
00:23:23,190 --> 00:23:20,960
and the atmosphere is so

653
00:23:25,110 --> 00:23:23,200
great here that like i'm not afraid to

654
00:23:27,909 --> 00:23:25,120
ask a question so if i'm not sure if i'm

655
00:23:29,990 --> 00:23:27,919
doing something right or my experiment

656
00:23:31,750 --> 00:23:30,000
has just like not gone how i wanted to i

657
00:23:33,990 --> 00:23:31,760
feel very comfortable here because they

658
00:23:35,750 --> 00:23:34,000
set up that atmosphere where you could

659
00:23:37,270 --> 00:23:35,760
just sit down with any of the scientists

660
00:23:38,789 --> 00:23:37,280
and be like hey

661
00:23:40,149 --> 00:23:38,799
i need a little bit of help i'm a little

662
00:23:42,870 --> 00:23:40,159
lost

663
00:23:45,110 --> 00:23:42,880

and everyone i've worked with has really

664

00:23:47,510 --> 00:23:45,120

taken time out of their day to help me

665

00:23:49,029 --> 00:23:47,520

out even people that aren't my mentor

666

00:23:50,549 --> 00:23:49,039

but like the other scientists in my

667

00:23:52,310 --> 00:23:50,559

building they've really

668

00:23:54,710 --> 00:23:52,320

made me feel comfortable and helped me a

669

00:23:56,870 --> 00:23:54,720

lot that's a wonderful thing here yeah

670

00:24:01,110 --> 00:23:56,880

that is good to hear outstanding

671

00:24:03,510 --> 00:24:01,120

any final thoughts you would like to add

672

00:24:05,510 --> 00:24:03,520

i love it here everyone should apply

673

00:24:07,190 --> 00:24:05,520

uh don't be scared to apply it's this

674

00:24:09,430 --> 00:24:07,200

has been probably the best summer i've

675

00:24:12,310 --> 00:24:09,440

ever had and it's just been an amazing

676

00:24:14,230 --> 00:24:12,320

experience wonderful so yeah i'm happy

677

00:24:15,909 --> 00:24:14,240

for you thank you for coming and sharing

678

00:24:17,110 --> 00:24:15,919

thank you for having me

679

00:24:18,710 --> 00:24:17,120

so great well good luck with your

680

00:24:20,789 --> 00:24:18,720

internship thanks

681

00:24:22,310 --> 00:24:20,799

two more weeks okay

682

00:24:25,350 --> 00:24:22,320

talk to you later

683

00:24:27,110 --> 00:24:25,360

all right so to apply for an internship

684

00:24:28,710 --> 00:24:27,120

at nasa for more information learn more

685

00:24:30,950 --> 00:24:28,720

about it you want to go to the website

686

00:24:33,190 --> 00:24:30,960

intern.nasa.gov

687

00:24:35,269 --> 00:24:33,200

so that was really inspirational like i

688

00:24:37,830 --> 00:24:35,279

want to be a nasa intern now that i have

689

00:24:40,070 --> 00:24:37,840

heard jordan's experience i did some

690

00:24:42,070 --> 00:24:40,080

cool internships but nothing that rivals

691

00:24:43,990 --> 00:24:42,080

that so that's awesome yeah just put

692

00:24:46,070 --> 00:24:44,000

these possibilities together for them

693

00:24:48,070 --> 00:24:46,080

yeah it's nice to hear like she was so

694

00:24:48,950 --> 00:24:48,080

excited getting an email from me right

695

00:24:50,789 --> 00:24:48,960

right

696

00:24:52,390 --> 00:24:50,799

it's always a high energy time whenever

697

00:24:54,549 --> 00:24:52,400

interns are here and their energy is our

698

00:24:56,390 --> 00:24:54,559

energy so that's always good to hear it

699

00:24:58,230 --> 00:24:56,400

definitely shows around the center when

700

00:24:59,909 --> 00:24:58,240

like if there are talks it's packed the

701
00:25:01,510 --> 00:24:59,919
auditorium is packed because the interns

702
00:25:03,669 --> 00:25:01,520
are really excited to be here and learn

703
00:25:06,149 --> 00:25:03,679
and be exposed to all these different

704
00:25:07,830 --> 00:25:06,159
tactics so it's a good reminder for me

705
00:25:10,149 --> 00:25:07,840
like there's cool stuff happening here

706
00:25:12,230 --> 00:25:10,159
go see it

707
00:25:15,590 --> 00:25:12,240
outstanding all right so

708
00:25:17,750 --> 00:25:15,600
let us do some rapid fire all right what

709
00:25:19,990 --> 00:25:17,760
if questions all right if you guys are

710
00:25:21,590 --> 00:25:20,000
up for that let's do it all right so

711
00:25:23,430 --> 00:25:21,600
people are everybody's gonna have their

712
00:25:25,029 --> 00:25:23,440
own special case right but these are

713
00:25:26,950 --> 00:25:25,039

some common ones like

714

00:25:29,350 --> 00:25:26,960

what if i'm in high school can i intern

715

00:25:30,950 --> 00:25:29,360

at nasa yeah so there's a minimum age

716

00:25:33,190 --> 00:25:30,960

requirement you have to be at least 16

717

00:25:34,950 --> 00:25:33,200

years old but as long as you're 16 or

718

00:25:36,390 --> 00:25:34,960

older we do have opportunities available

719

00:25:38,149 --> 00:25:36,400

for high school students all right so

720

00:25:41,029 --> 00:25:38,159

yes apply yes

721

00:25:42,870 --> 00:25:41,039

okay and earlier you talked about the

722

00:25:45,110 --> 00:25:42,880

gpa requirement

723

00:25:46,710 --> 00:25:45,120

what if i don't quite have that like is

724

00:25:48,710 --> 00:25:46,720

that firm or

725

00:25:50,390 --> 00:25:48,720

what can i do to address that right so

726

00:25:52,149 --> 00:25:50,400

we understand that an intern is a

727

00:25:54,390 --> 00:25:52,159

student first right so if you don't have

728

00:25:56,549 --> 00:25:54,400

the gpa we always encourage students to

729

00:25:59,750 --> 00:25:56,559

focus on school first once you do have

730

00:26:02,230 --> 00:25:59,760

the gpa of a 3.0 on a 4.0 scale you know

731

00:26:03,750 --> 00:26:02,240

uh as i mentioned earlier our internship

732

00:26:05,990 --> 00:26:03,760

opportunities are available year round

733

00:26:07,909 --> 00:26:06,000

so once you do have a 3.0 we just

734

00:26:10,070 --> 00:26:07,919

encourage you to apply event

735

00:26:12,789 --> 00:26:10,080

so just get your gpa up try again the

736

00:26:14,950 --> 00:26:12,799

next session right okay go back focus

737

00:26:17,510 --> 00:26:14,960

yeah work hard and come back again when

738

00:26:19,110 --> 00:26:17,520

you're ready exactly now what if i'm not

739

00:26:21,029 --> 00:26:19,120

a us citizen

740

00:26:23,110 --> 00:26:21,039

so situation there yeah the nasa

741

00:26:25,430 --> 00:26:23,120

internship program it's required that

742

00:26:28,149 --> 00:26:25,440

our interns are u.s citizens there are a

743

00:26:29,430 --> 00:26:28,159

few select opportunities for

744

00:26:31,909 --> 00:26:29,440

international students through the

745

00:26:33,430 --> 00:26:31,919

international internships program and

746

00:26:35,029 --> 00:26:33,440

there's more information about that at

747

00:26:37,590 --> 00:26:35,039

intern.nasa.gov

748

00:26:39,909 --> 00:26:37,600

okay good to know that those exist a few

749

00:26:41,669 --> 00:26:39,919

a few yes a few right yes

750

00:26:43,190 --> 00:26:41,679

not many but we have so many viewers

751
00:26:45,190 --> 00:26:43,200
around the world who are excited about

752
00:26:48,470 --> 00:26:45,200
that right right good for them to be

753
00:26:50,870 --> 00:26:48,480
able to go look into that um what if i

754
00:26:52,950 --> 00:26:50,880
recently graduated from college do i

755
00:26:54,950 --> 00:26:52,960
have to feel like oh man i miss my

756
00:26:56,710 --> 00:26:54,960
chance is it too late

757
00:26:58,310 --> 00:26:56,720
so it's not too late uh you're still

758
00:27:00,789 --> 00:26:58,320
eligible uh six months after you

759
00:27:02,870 --> 00:27:00,799
graduated so you would still be eligible

760
00:27:04,789 --> 00:27:02,880
if that's you okay all right six months

761
00:27:07,190 --> 00:27:04,799
after graduation so it's pretty common

762
00:27:08,230 --> 00:27:07,200
when students graduate in may

763
00:27:10,149 --> 00:27:08,240

they're still able to enter in the

764

00:27:11,909 --> 00:27:10,159

following summer and also the following

765

00:27:13,669 --> 00:27:11,919

fall okay right yeah that makes sense

766

00:27:16,549 --> 00:27:13,679

the next two sessions all right very

767

00:27:19,269 --> 00:27:16,559

good what if i'm enrolled at community

768

00:27:21,190 --> 00:27:19,279

college yes definitely you know

769

00:27:23,110 --> 00:27:21,200

as long as you're enrolled in a degree

770

00:27:24,549 --> 00:27:23,120

granting program or institution

771

00:27:26,149 --> 00:27:24,559

you're eligible so that includes

772

00:27:27,590 --> 00:27:26,159

community college students

773

00:27:29,430 --> 00:27:27,600

another program that we encourage

774

00:27:31,830 --> 00:27:29,440

community college students to check out

775

00:27:34,789 --> 00:27:31,840

is the nasa community college aerospace

776

00:27:36,710 --> 00:27:34,799

scholars also known as ncas so we've

777

00:27:39,590 --> 00:27:36,720

seen a lot of ncaa students become nasa

778

00:27:41,110 --> 00:27:39,600

interns so that's something for those

779

00:27:42,710 --> 00:27:41,120

community college students to check out

780

00:27:45,029 --> 00:27:42,720

all right a program specifically for

781

00:27:47,029 --> 00:27:45,039

community college and maybe from there

782

00:27:49,110 --> 00:27:47,039

enter into the internship right and

783

00:27:50,870 --> 00:27:49,120

simultaneously you can apply to both

784

00:27:53,029 --> 00:27:50,880

programs as well okay

785

00:27:55,190 --> 00:27:53,039

very good all right let me see about

786

00:27:57,269 --> 00:27:55,200

taking some questions from

787

00:27:59,350 --> 00:27:57,279

the chat okay

788

00:28:00,950 --> 00:27:59,360

uh well i think this one we have

789

00:28:03,669 --> 00:28:00,960

answered but it depends on this person's

790

00:28:05,510 --> 00:28:03,679

timing buster cherry asks can you pursue

791

00:28:07,269 --> 00:28:05,520

an internship even after graduating with

792

00:28:09,350 --> 00:28:07,279

an aerospace degree

793

00:28:11,909 --> 00:28:09,360

you sure can you sure can up to six

794

00:28:14,789 --> 00:28:11,919

months after graduation yes you can all

795

00:28:17,669 --> 00:28:14,799

right very good um

796

00:28:19,590 --> 00:28:17,679

good question here uh the real seinfeld

797

00:28:21,510 --> 00:28:19,600

i'm applying for an internship at nasa

798

00:28:23,269 --> 00:28:21,520

and i need a letter of recommendation i

799

00:28:25,029 --> 00:28:23,279

know someone at nasa but are they

800

00:28:27,669 --> 00:28:25,039

allowed as a nasa employee to write a

801
00:28:29,830 --> 00:28:27,679
letter of recommendation yeah they are

802
00:28:32,310 --> 00:28:29,840
and we we see that that's pretty common

803
00:28:34,230 --> 00:28:32,320
um so for example like the students who

804
00:28:35,909 --> 00:28:34,240
do incas they'll ask their in-cast

805
00:28:37,269 --> 00:28:35,919
mentors to write them a lot of

806
00:28:39,909 --> 00:28:37,279
recommendations so definitely something

807
00:28:41,590 --> 00:28:39,919
we see definitely loud right and just as

808
00:28:42,789 --> 00:28:41,600
a reminder for letters of recommendation

809
00:28:44,389 --> 00:28:42,799
you always want someone that can speak

810
00:28:46,630 --> 00:28:44,399
highly of you so if that's the person

811
00:28:48,070 --> 00:28:46,640
then yes okay that's great that's a

812
00:28:49,750 --> 00:28:48,080
really specific question that that

813
00:28:52,389 --> 00:28:49,760

person needed to answer so i'm glad you

814

00:28:55,190 --> 00:28:52,399

had the answer uh here's a question a

815

00:28:56,870 --> 00:28:55,200

rhetorical question from spacetvnet is

816

00:28:58,950 --> 00:28:56,880

there a cooler internship anywhere in

817

00:29:01,990 --> 00:28:58,960

the universe definitely not i don't

818

00:29:04,710 --> 00:29:02,000

think so i don't think so

819

00:29:06,710 --> 00:29:04,720

excellent point um

820

00:29:09,630 --> 00:29:06,720

here we also have answered this well

821

00:29:13,430 --> 00:29:09,640

we'll remind them of the possibilities

822

00:29:15,029 --> 00:29:13,440

rishabh rishabha 8637 is there any

823

00:29:16,950 --> 00:29:15,039

possibility of a person from india to be

824

00:29:18,909 --> 00:29:16,960

an intern at nasa

825

00:29:21,750 --> 00:29:18,919

yeah they would need to go visit

826

00:29:24,470 --> 00:29:21,760

intern.nasa.gov to see um if their

827

00:29:26,470 --> 00:29:24,480

country is is one of the agencies that

828

00:29:27,510 --> 00:29:26,480

we have a partnership with yeah all

829

00:29:29,909 --> 00:29:27,520

right

830

00:29:31,430 --> 00:29:29,919

and that goes also for moot is there any

831

00:29:32,549 --> 00:29:31,440

way to get in without being a u.s

832

00:29:34,470 --> 00:29:32,559

citizen

833

00:29:36,230 --> 00:29:34,480

there could be depending on programs

834

00:29:37,310 --> 00:29:36,240

offered by your country right

835

00:29:39,669 --> 00:29:37,320

and they can learn more at

836

00:29:42,230 --> 00:29:39,679

intern.nasa.gov that's right that's the

837

00:29:44,549 --> 00:29:42,240

one-stop shop yeah for internships at

838

00:29:46,950 --> 00:29:44,559

nasa yeah it it says right on the home

839

00:29:48,630 --> 00:29:46,960

page i think um like i am

840

00:29:50,149 --> 00:29:48,640

an international student or something

841

00:29:51,909 --> 00:29:50,159

you click it and yeah you can get all

842

00:29:53,590 --> 00:29:51,919

the information there okay that's good

843

00:29:55,750 --> 00:29:53,600

so that yeah it helps you it's very

844

00:29:58,789 --> 00:29:55,760

clear filter out the information you

845

00:30:00,149 --> 00:29:58,799

need yeah right there awesome um let's

846

00:30:01,430 --> 00:30:00,159

see let's see i have some of my

847

00:30:04,310 --> 00:30:01,440

questions i have some of the chats

848

00:30:07,669 --> 00:30:04,320

questions um i like this personal i'm

849

00:30:09,830 --> 00:30:07,679

interested in their profile the jp guy i

850

00:30:12,549 --> 00:30:09,840

have a philosophy degree can i find a

851

00:30:14,149 --> 00:30:12,559

job anywhere at nasa yeah you know as we

852

00:30:15,590 --> 00:30:14,159

mentioned well as haley mentioned

853

00:30:18,870 --> 00:30:15,600

earlier you know we do have some

854

00:30:21,350 --> 00:30:18,880

non-stem uh majors uh opportunities for

855

00:30:22,310 --> 00:30:21,360

folks uh you know not set in stem so we

856

00:30:24,549 --> 00:30:22,320

just encourage you to visit

857

00:30:25,990 --> 00:30:24,559

internatnasa.gov check out the projects

858

00:30:27,750 --> 00:30:26,000

that are available read the project

859

00:30:29,590 --> 00:30:27,760

descriptions and if it's a project that

860

00:30:30,549 --> 00:30:29,600

interests you apply

861

00:30:31,950 --> 00:30:30,559

yeah

862

00:30:36,149 --> 00:30:31,960

um

863

00:30:39,590 --> 00:30:36,159

baraluto3 says too bad i'm 16.

864

00:30:43,070 --> 00:30:39,600

but why because what's the minimum age

865

00:30:45,909 --> 00:30:43,080

minimum age is 16 so so send it youtube

866

00:30:48,070 --> 00:30:45,919

bariluto3 you can apply if you meet the

867

00:30:50,310 --> 00:30:48,080

other requirements you're old enough

868

00:30:51,110 --> 00:30:50,320

or hang in there until you finish school

869

00:30:52,950 --> 00:30:51,120

and

870

00:30:55,590 --> 00:30:52,960

come back in college right

871

00:30:57,750 --> 00:30:55,600

all right um there are loads more

872

00:31:00,870 --> 00:30:57,760

questions we can always come back to

873

00:31:03,909 --> 00:31:00,880

these so i do want to jump ahead to our

874

00:31:06,070 --> 00:31:03,919

next intern so we can get another story

875

00:31:08,470 --> 00:31:06,080

out here for people to experience so

876

00:31:12,870 --> 00:31:08,480

this time we're going to meet vanessa

877

00:31:18,870 --> 00:31:15,909

hear about another nasa story

878

00:31:21,110 --> 00:31:18,880

research going on this summer hey

879

00:31:22,789 --> 00:31:21,120

hi all right thanks for joining us thank

880

00:31:24,470 --> 00:31:22,799

you for having me on i'm so excited how

881

00:31:26,630 --> 00:31:24,480

are you doing today i'm doing super good

882

00:31:28,389 --> 00:31:26,640

today um yeah just coming off of work we

883

00:31:30,070 --> 00:31:28,399

did a lot of research in the lab today

884

00:31:31,110 --> 00:31:30,080

so it's been a good one very good well

885

00:31:32,549 --> 00:31:31,120

why don't you tell everybody your name

886

00:31:35,190 --> 00:31:32,559

where you from what are you studying

887

00:31:37,830 --> 00:31:35,200

yeah okay so i'm vanessa um i am a

888

00:31:39,990 --> 00:31:37,840

senior at stanford and i also have kind

889

00:31:42,149 --> 00:31:40,000

of a mouthful of a major um i'm a human

890

00:31:44,389 --> 00:31:42,159

biology major with a concentration in

891

00:31:46,470 --> 00:31:44,399

neuroscience brain and behavior

892

00:31:48,310 --> 00:31:46,480

and then i minored in astronomy and

893

00:31:50,630 --> 00:31:48,320

astrophysics um

894

00:31:52,149 --> 00:31:50,640

i love that you sound like someone who

895

00:31:53,750 --> 00:31:52,159

is passionate about all sorts of things

896

00:31:55,590 --> 00:31:53,760

and you didn't want to have to decide so

897

00:31:57,909 --> 00:31:55,600

you just went for it all yeah it's

898

00:31:59,669 --> 00:31:57,919

actually really exciting um because a

899

00:32:02,310 --> 00:31:59,679

lot of people are like oh that seems so

900

00:32:03,830 --> 00:32:02,320

different like astrophysics and biology

901
00:32:05,350 --> 00:32:03,840
um but it's actually really really

902
00:32:07,830 --> 00:32:05,360
interesting because they go hand in hand

903
00:32:09,430 --> 00:32:07,840
pretty well um one of the things that

904
00:32:10,630 --> 00:32:09,440
i'm really really passionate about is

905
00:32:12,710 --> 00:32:10,640
studying life

906
00:32:14,389 --> 00:32:12,720
in the universe and life and planets and

907
00:32:17,669 --> 00:32:14,399
worlds beyond our own and how we can

908
00:32:19,509 --> 00:32:17,679
foster that searching for life

909
00:32:21,430 --> 00:32:19,519
yes

910
00:32:22,230 --> 00:32:21,440
you're in the right place yeah right

911
00:32:24,549 --> 00:32:22,240
yeah

912
00:32:26,870 --> 00:32:24,559
and it's really cool because ames um is

913
00:32:28,549 --> 00:32:26,880

one of the nasa centers that specializes

914

00:32:31,269 --> 00:32:28,559

or has a lot of labs that work in the

915

00:32:32,870 --> 00:32:31,279

biosciences um so astrobiology is a big

916

00:32:34,230 --> 00:32:32,880

thing here and it's really exciting the

917

00:32:35,430 --> 00:32:34,240

work that people are doing it is

918

00:32:37,669 --> 00:32:35,440

exciting but what exactly are you

919

00:32:40,310 --> 00:32:37,679

working on specifically yeah so right

920

00:32:42,149 --> 00:32:40,320

now i work in an amazing lab my mentors

921

00:32:45,269 --> 00:32:42,159

are really cool and shout out to phil

922

00:32:46,870 --> 00:32:45,279

toscano and patricia cowings and we work

923

00:32:49,590 --> 00:32:46,880

in the psychophysiology lab

924

00:32:51,750 --> 00:32:49,600

psychophysiology yeah so it's really

925

00:32:53,750 --> 00:32:51,760

amazing work um one of their biggest

926

00:32:56,950 --> 00:32:53,760

projects is they've created a training

927

00:32:59,029 --> 00:32:56,960

program for astronauts um called afte

928

00:33:00,549 --> 00:32:59,039

and it basically allows astronauts to

929

00:33:03,350 --> 00:33:00,559

control different physiological

930

00:33:05,190 --> 00:33:03,360

conditions in space um and on earth such

931

00:33:08,470 --> 00:33:05,200

as their heart rate breathing rate

932

00:33:10,310 --> 00:33:08,480

temperature um mentally so that's really

933

00:33:11,990 --> 00:33:10,320

amazing it's a six hour training program

934

00:33:14,310 --> 00:33:12,000

and once they go through it

935

00:33:15,830 --> 00:33:14,320

they can really control these things and

936

00:33:16,870 --> 00:33:15,840

it helps in space a lot with motion

937

00:33:18,310 --> 00:33:16,880

sickness

938

00:33:19,750 --> 00:33:18,320

because that's a symptom frequently

939

00:33:21,110 --> 00:33:19,760

experienced by a lot of astronauts and

940

00:33:23,190 --> 00:33:21,120

also when they get back down to earth

941

00:33:25,909 --> 00:33:23,200

they're a little dizzy and disoriented

942

00:33:28,149 --> 00:33:25,919

um and this mental training in six hours

943

00:33:30,710 --> 00:33:28,159

um it's clinically they did clinical

944

00:33:32,470 --> 00:33:30,720

trials and it works better um than

945

00:33:34,389 --> 00:33:32,480

the shots that people would have for

946

00:33:35,269 --> 00:33:34,399

like motion service medicine oh my gosh

947

00:33:37,029 --> 00:33:35,279

so

948

00:33:39,110 --> 00:33:37,039

that's really cool stuff and then right

949

00:33:41,830 --> 00:33:39,120

now we're doing a second fold project as

950

00:33:44,230 --> 00:33:41,840

well where we're working on a biosuit um

951
00:33:46,549 --> 00:33:44,240
paired with the canadian space agency as

952
00:33:48,389 --> 00:33:46,559
well and it can help astronauts monitor

953
00:33:50,630 --> 00:33:48,399
their physiological conditions in space

954
00:33:52,070 --> 00:33:50,640
too and report it back to them real time

955
00:33:54,230 --> 00:33:52,080
so we're testing it out in the lab right

956
00:33:56,310 --> 00:33:54,240
now how cool yeah awesome

957
00:33:57,590 --> 00:33:56,320
this is amazing

958
00:34:00,149 --> 00:33:57,600
um

959
00:34:02,149 --> 00:34:00,159
the motion sickness studies

960
00:34:03,190 --> 00:34:02,159
what are you doing to study that what

961
00:34:05,269 --> 00:34:03,200
yeah

962
00:34:09,589 --> 00:34:05,279
so our lab is infamous for this thing

963
00:34:14,389 --> 00:34:11,990

yeah it's a rotating chair

964

00:34:16,149 --> 00:34:14,399

and it spins at increasing rotations per

965

00:34:17,750 --> 00:34:16,159

minute and it mimics motion sickness

966

00:34:20,230 --> 00:34:17,760

symptoms in space

967

00:34:22,550 --> 00:34:20,240

that astronauts often experience and so

968

00:34:23,589 --> 00:34:22,560

we're testing our test participants in

969

00:34:26,310 --> 00:34:23,599

the chair

970

00:34:27,829 --> 00:34:26,320

and seeing how they feel as time goes on

971

00:34:30,149 --> 00:34:27,839

and they're also wearing the suit so

972

00:34:31,909 --> 00:34:30,159

we're able to see like on our devices

973

00:34:33,990 --> 00:34:31,919

and they could see as well on their ios

974

00:34:35,109 --> 00:34:34,000

device their heart rate breathing rate

975

00:34:37,270 --> 00:34:35,119

blood pressure and that's really

976

00:34:39,190 --> 00:34:37,280

indicative of how sick they're feeling

977

00:34:41,430 --> 00:34:39,200

um and then after they do the training

978

00:34:43,750 --> 00:34:41,440

they're able to see the screen with

979

00:34:46,389 --> 00:34:43,760

their physiological conditions and rates

980

00:34:48,629 --> 00:34:46,399

and things like that and mentally bring

981

00:34:50,629 --> 00:34:48,639

these things up or down in ways that wow

982

00:34:52,389 --> 00:34:50,639

mitigate sickness so it's really cool

983

00:34:54,230 --> 00:34:52,399

that is really cool yeah we got a

984

00:34:55,589 --> 00:34:54,240

spinning chair in our lap right have you

985

00:34:57,670 --> 00:34:55,599

tried it have you ridden in the spinning

986

00:34:59,589 --> 00:34:57,680

chair no i wish so you have to go

987

00:35:02,710 --> 00:34:59,599

through medical clearance unfortunately

988

00:35:04,310 --> 00:35:02,720

so as interns or liabilities yeah

989

00:35:06,150 --> 00:35:04,320

i guess i'd be willing to give it a try

990

00:35:07,670 --> 00:35:06,160

but i don't know i got sick on a whale

991

00:35:10,230 --> 00:35:07,680

watch last year i'm not sure i'm the

992

00:35:11,430 --> 00:35:10,240

best candidate for the rotating chair

993

00:35:13,109 --> 00:35:11,440

yeah

994

00:35:15,030 --> 00:35:13,119

awesome so

995

00:35:17,349 --> 00:35:15,040

i can see how your work is going to

996

00:35:19,750 --> 00:35:17,359

contribute to the artemis program do you

997

00:35:22,230 --> 00:35:19,760

feel that in your day-to-day here how do

998

00:35:23,910 --> 00:35:22,240

you feel about that yeah so it is really

999

00:35:25,430 --> 00:35:23,920

really exciting to be working at nasa

1000

00:35:28,150 --> 00:35:25,440

during this time all the interns are

1001
00:35:29,349 --> 00:35:28,160
really grateful we can feel the energy

1002
00:35:31,109 --> 00:35:29,359
it's really cool because they're

1003
00:35:32,630 --> 00:35:31,119
actually flying these spacesuits at the

1004
00:35:33,990 --> 00:35:32,640
international space station right now

1005
00:35:35,990 --> 00:35:34,000
they really are um and so we're

1006
00:35:37,510 --> 00:35:36,000
continuing to test out the model and

1007
00:35:41,109 --> 00:35:37,520
figure out ways that we can improve on

1008
00:35:43,829 --> 00:35:41,119
it um and a lot of amazing astronauts um

1009
00:35:46,310 --> 00:35:43,839
have worked with my mentors and had the

1010
00:35:49,030 --> 00:35:46,320
motion sickness training themselves like

1011
00:35:50,950 --> 00:35:49,040
mae jimson had it and she we have a ton

1012
00:35:52,950 --> 00:35:50,960
of pictures of them in our wall of our

1013
00:35:54,950 --> 00:35:52,960

lab and like they're signed like

1014

00:35:56,470 --> 00:35:54,960

never felt sick again like really great

1015

00:35:58,870 --> 00:35:56,480

things

1016

00:36:00,550 --> 00:35:58,880

so yeah my mentors are pretty much the

1017

00:36:02,150 --> 00:36:00,560

goats and it's really exciting to work

1018

00:36:03,829 --> 00:36:02,160

with them especially during this time

1019

00:36:05,349 --> 00:36:03,839

knowing that you're working on something

1020

00:36:07,109 --> 00:36:05,359

that's going to carry people especially

1021

00:36:10,470 --> 00:36:07,119

on longer missions when we're headed to

1022

00:36:12,310 --> 00:36:10,480

the moon headed to mars from there um

1023

00:36:14,950 --> 00:36:12,320

and that can take a really big toll on

1024

00:36:17,109 --> 00:36:14,960

the body that we haven't foreseen before

1025

00:36:19,109 --> 00:36:17,119

it's taking such long space flights um

1026

00:36:21,030 --> 00:36:19,119

so they're really going to need a lot of

1027

00:36:22,710 --> 00:36:21,040

people in biology and medicine coming up

1028

00:36:24,870 --> 00:36:22,720

to support this program so it's an

1029

00:36:27,190 --> 00:36:24,880

exciting time for everyone well

1030

00:36:29,510 --> 00:36:27,200

that is exciting do you have a favorite

1031

00:36:31,349 --> 00:36:29,520

thing about your internship yeah

1032

00:36:33,910 --> 00:36:31,359

so my favorite thing about my internship

1033

00:36:35,430 --> 00:36:33,920

i have two my first one is just really

1034

00:36:37,990 --> 00:36:35,440

actually getting to contribute to the

1035

00:36:40,470 --> 00:36:38,000

work that our lab is doing um and

1036

00:36:41,990 --> 00:36:40,480

interacting with our test participants

1037

00:36:43,910 --> 00:36:42,000

and like talking to them and we have

1038

00:36:45,910 --> 00:36:43,920

different tests in the chair they'll

1039

00:36:47,430 --> 00:36:45,920

exercise wearing the suit to mimic a lot

1040

00:36:49,109 --> 00:36:47,440

of conditions that astronauts might be

1041

00:36:50,069 --> 00:36:49,119

under and see if the suit holds up in

1042

00:36:52,630 --> 00:36:50,079

them

1043

00:36:54,790 --> 00:36:52,640

actually a researcher i've got a

1044

00:36:57,270 --> 00:36:54,800

clipboard like i'm running the

1045

00:36:59,030 --> 00:36:57,280

experiment um sometimes our mentors are

1046

00:37:01,109 --> 00:36:59,040

there sometimes they're not um so you're

1047

00:37:02,550 --> 00:37:01,119

really like in charge of the experiment

1048

00:37:04,710 --> 00:37:02,560

and that's really cool to have that

1049

00:37:06,870 --> 00:37:04,720

handed to you um and to be able to make

1050

00:37:08,950 --> 00:37:06,880

an impact and to be treated taken

1051
00:37:11,109 --> 00:37:08,960
seriously like when you come on and

1052
00:37:12,150 --> 00:37:11,119
being able to prove that yeah i can step

1053
00:37:14,870 --> 00:37:12,160
up and do this it's a really good

1054
00:37:16,310 --> 00:37:14,880
feeling to contribute my second thing is

1055
00:37:18,390 --> 00:37:16,320
hearing really cool stories from my

1056
00:37:20,069 --> 00:37:18,400
mentors they've been working at nasa for

1057
00:37:21,670 --> 00:37:20,079
over 40 years

1058
00:37:23,750 --> 00:37:21,680
so they're amazing so they have tons of

1059
00:37:25,829 --> 00:37:23,760
stories about like going in the zero g

1060
00:37:27,510 --> 00:37:25,839
planes interacting with astronauts

1061
00:37:29,109 --> 00:37:27,520
cosmonauts and like the japanese

1062
00:37:31,510 --> 00:37:29,119
astronauts all receive training from

1063
00:37:33,990 --> 00:37:31,520

them so that's one of my favorite things

1064

00:37:35,910 --> 00:37:34,000

too is to hear the stories um and hear

1065

00:37:38,390 --> 00:37:35,920

about their life experiences here and

1066

00:37:39,990 --> 00:37:38,400

you really feel a part of a legacy of

1067

00:37:42,470 --> 00:37:40,000

like space innovation and just

1068

00:37:44,550 --> 00:37:42,480

exploration and it's really exciting

1069

00:37:45,990 --> 00:37:44,560

that is exciting you feel the past that

1070

00:37:48,069 --> 00:37:46,000

came before you you know you're

1071

00:37:49,750 --> 00:37:48,079

contributing to the future to come yeah

1072

00:37:51,270 --> 00:37:49,760

that's so awesome

1073

00:37:53,589 --> 00:37:51,280

and i want you to know that we have a

1074

00:37:58,230 --> 00:37:53,599

comment from higher learning who says i

1075

00:38:03,829 --> 00:38:00,310

and this person is sending in my

1076

00:38:05,190 --> 00:38:03,839

application asap yes send them in

1077

00:38:06,630 --> 00:38:05,200

it's great that you can apply pretty

1078

00:38:07,829 --> 00:38:06,640

much any time of the year it's really

1079

00:38:15,589 --> 00:38:07,839

exciting

1080

00:38:20,710 --> 00:38:18,790

we're glad to know you vanessa um i'm

1081

00:38:22,470 --> 00:38:20,720

looking for other questions that might

1082

00:38:24,630 --> 00:38:22,480

be great for you

1083

00:38:26,390 --> 00:38:24,640

uh well someone's asking what is the

1084

00:38:28,470 --> 00:38:26,400

process of getting the internship

1085

00:38:30,310 --> 00:38:28,480

specifically what time did you apply and

1086

00:38:32,390 --> 00:38:30,320

you plan on staying

1087

00:38:33,589 --> 00:38:32,400

sure about that part but um could you

1088

00:38:35,349 --> 00:38:33,599

tell us a little bit about like how far

1089

00:38:38,630 --> 00:38:35,359

in advance did you apply did you choose

1090

00:38:40,870 --> 00:38:38,640

a bunch of projects or one yeah so i

1091

00:38:42,790 --> 00:38:40,880

chose a lot of projects at ames since i

1092

00:38:45,109 --> 00:38:42,800

had a lot of biology-based programs and

1093

00:38:47,109 --> 00:38:45,119

i'm a biology major um

1094

00:38:49,109 --> 00:38:47,119

not a flight engineer or anything like

1095

00:38:51,750 --> 00:38:49,119

that but yeah so they had a lot of aims

1096

00:38:53,670 --> 00:38:51,760

and so i filtered it by biosciences

1097

00:38:55,190 --> 00:38:53,680

biology cell science things like that

1098

00:38:56,950 --> 00:38:55,200

things that i was really interested and

1099

00:38:59,349 --> 00:38:56,960

excited about um

1100

00:39:01,430 --> 00:38:59,359

and i found three that i applied to here

1101

00:39:04,230 --> 00:39:01,440

that like really stuck out to me

1102

00:39:06,230 --> 00:39:04,240

um so i started applying probably

1103

00:39:08,310 --> 00:39:06,240

thinking about it like three months in

1104

00:39:10,310 --> 00:39:08,320

advance i started writing my application

1105

00:39:11,910 --> 00:39:10,320

about one month in advance but i think

1106

00:39:13,750 --> 00:39:11,920

that it is really important with some

1107

00:39:15,750 --> 00:39:13,760

cool advanced planning that you can do

1108

00:39:17,750 --> 00:39:15,760

starting in the months prior

1109

00:39:19,030 --> 00:39:17,760

i really really recommend thinking about

1110

00:39:20,550 --> 00:39:19,040

like things that you could say or like

1111

00:39:22,550 --> 00:39:20,560

passions that you could write about that

1112

00:39:24,710 --> 00:39:22,560

really makes your personality shine

1113

00:39:25,829 --> 00:39:24,720

through your application but also

1114

00:39:28,069 --> 00:39:25,839

thinking about your letter of

1115

00:39:30,150 --> 00:39:28,079

recommendation who's going to write it

1116

00:39:33,349 --> 00:39:30,160

and like who you want to speak on your

1117

00:39:36,230 --> 00:39:33,359

behalf and if that person can actually

1118

00:39:38,630 --> 00:39:36,240

show some stories about you and like how

1119

00:39:40,630 --> 00:39:38,640

you've taken x skill that they have on

1120

00:39:41,990 --> 00:39:40,640

the application and a story about how

1121

00:39:43,270 --> 00:39:42,000

you've applied it and also putting that

1122

00:39:45,190 --> 00:39:43,280

in your own application like kind of

1123

00:39:47,430 --> 00:39:45,200

spitting out the qualifications that

1124

00:39:49,190 --> 00:39:47,440

they want but with an example that

1125

00:39:51,190 --> 00:39:49,200

you've done on your own is really great

1126

00:39:53,270 --> 00:39:51,200

um and another thing about letters of

1127

00:39:55,109 --> 00:39:53,280

recommendation that i learned in college

1128

00:39:56,230 --> 00:39:55,119

that is really helpful is that you don't

1129

00:39:57,990 --> 00:39:56,240

actually have to let your recommenders

1130

00:39:59,430 --> 00:39:58,000

like go into the wind and just say hey

1131

00:40:01,829 --> 00:39:59,440

can you write a recommendation for this

1132

00:40:03,670 --> 00:40:01,839

program um you can actually suggest

1133

00:40:05,589 --> 00:40:03,680

certain talking points um when you talk

1134

00:40:07,510 --> 00:40:05,599

to them or email them like oh it would

1135

00:40:09,990 --> 00:40:07,520

be awesome if you could speak about how

1136

00:40:11,910 --> 00:40:10,000

i led this experiment or how i did this

1137

00:40:13,030 --> 00:40:11,920

and give them a list of things and they

1138

00:40:14,870 --> 00:40:13,040

actually love that because it makes

1139

00:40:16,550 --> 00:40:14,880

their job a lot easier yeah um because

1140

00:40:18,470 --> 00:40:16,560

then it's a shorter process for them to

1141

00:40:20,630 --> 00:40:18,480

write so like oh yes yes so you can kind

1142

00:40:22,470 --> 00:40:20,640

of write your own

1143

00:40:23,589 --> 00:40:22,480

yeah as long as it's true yeah exactly

1144

00:40:24,630 --> 00:40:23,599

right they're not going to write

1145

00:40:26,630 --> 00:40:24,640

anything that's not true but you're

1146

00:40:28,790 --> 00:40:26,640

reminding them i did this and this and

1147

00:40:31,030 --> 00:40:28,800

that yeah don't forget how passionate i

1148

00:40:33,270 --> 00:40:31,040

am about this stuff yeah awesome that's

1149

00:40:35,349 --> 00:40:33,280

really good concrete advice that's

1150

00:40:37,190 --> 00:40:35,359

really helpful uh i don't know do you

1151
00:40:39,190 --> 00:40:37,200
have any final thoughts you would just

1152
00:40:42,150 --> 00:40:39,200
love to share about your experience can

1153
00:40:44,870 --> 00:40:42,160
i can i ask if you've worn the suit

1154
00:40:47,030 --> 00:40:44,880
i have worn the suit um it kind of fits

1155
00:40:48,790 --> 00:40:47,040
like a leotard with a little headband

1156
00:40:50,710 --> 00:40:48,800
and you feel really official because

1157
00:40:53,349 --> 00:40:50,720
like it really does look like some kind

1158
00:40:55,190 --> 00:40:53,359
of space suit that you're wearing um

1159
00:40:57,510 --> 00:40:55,200
and there's some sensors and a little

1160
00:40:59,510 --> 00:40:57,520
plug patch and like plugs and it sits in

1161
00:41:00,950 --> 00:40:59,520
the pocket of the suit um and you just

1162
00:41:02,150 --> 00:41:00,960
feel like oh i'm ready to go i'm suited

1163
00:41:04,309 --> 00:41:02,160

up

1164

00:41:06,309 --> 00:41:04,319

it's really cool yeah

1165

00:41:08,230 --> 00:41:06,319

just one of the perks of the job you got

1166

00:41:10,150 --> 00:41:08,240

to put on the suit yeah yeah and i guess

1167

00:41:12,069 --> 00:41:10,160

the final piece of advice i have is just

1168

00:41:14,470 --> 00:41:12,079

what you've been hearing to apply um

1169

00:41:15,910 --> 00:41:14,480

yeah apply a fly fly it's a really

1170

00:41:17,670 --> 00:41:15,920

really exciting time to be working at

1171

00:41:19,349 --> 00:41:17,680

nasa right now especially with the

1172

00:41:20,470 --> 00:41:19,359

artemis program coming up like you will

1173

00:41:23,030 --> 00:41:20,480

be contributing

1174

00:41:24,630 --> 00:41:23,040

to the future of space exploration and

1175

00:41:27,190 --> 00:41:24,640

that is so exciting

1176

00:41:28,870 --> 00:41:27,200

and so put in those applications

1177

00:41:30,790 --> 00:41:28,880

great message i'm so glad you get to be

1178

00:41:32,630 --> 00:41:30,800

a part of it it's exciting all right

1179

00:41:34,309 --> 00:41:32,640

thank you for stopping by today yes

1180

00:41:36,069 --> 00:41:34,319

thank you guys for having me good luck

1181

00:41:37,430 --> 00:41:36,079

with your research bye i'll thank you

1182

00:41:38,630 --> 00:41:37,440

bye

1183

00:41:41,030 --> 00:41:38,640

awesome

1184

00:41:43,109 --> 00:41:41,040

another one that i want to be right i

1185

00:41:45,270 --> 00:41:43,119

know i decided i want to be jordan and i

1186

00:41:47,430 --> 00:41:45,280

want to be vanessa in my next life i've

1187

00:41:48,470 --> 00:41:47,440

been to her lab a couple times yeah so

1188

00:41:50,230 --> 00:41:48,480

cool

1189

00:41:51,990 --> 00:41:50,240

in your jobs you guys get to tour all

1190

00:41:54,230 --> 00:41:52,000

the different labs and see what's going

1191

00:41:56,069 --> 00:41:54,240

on we make sure too yeah

1192

00:41:58,550 --> 00:41:56,079

yeah

1193

00:42:00,309 --> 00:41:58,560

uh we have a bunch more questions before

1194

00:42:02,950 --> 00:42:00,319

moving on um

1195

00:42:19,430 --> 00:42:02,960

someone is asking if these are paid

1196

00:42:23,829 --> 00:42:21,750

grams it kind of depends on center um

1197

00:42:25,670 --> 00:42:23,839

but if you're at intern.nasa.gov those

1198

00:42:27,910 --> 00:42:25,680

volunteer projects should be like

1199

00:42:29,030 --> 00:42:27,920

clearly labeled so okay no surprises

1200

00:42:32,390 --> 00:42:29,040

you're getting paid unless it says

1201

00:42:35,349 --> 00:42:32,400

volunteer all right yeah um

1202

00:42:37,030 --> 00:42:35,359

nasa katie harvey nasa in the name

1203

00:42:38,390 --> 00:42:37,040

that tells us something since nasa

1204

00:42:39,829 --> 00:42:38,400

doesn't provide housing what would you

1205

00:42:42,790 --> 00:42:39,839

recommend high school students do for

1206

00:42:44,710 --> 00:42:42,800

the summer they're from out of state

1207

00:42:46,950 --> 00:42:44,720

you mentioned the stipend can help cover

1208

00:42:47,990 --> 00:42:46,960

the cost of housing

1209

00:42:49,750 --> 00:42:48,000

that kind of goes with like just

1210

00:42:51,750 --> 00:42:49,760

planning ahead right so if you know

1211

00:42:54,150 --> 00:42:51,760

you're applying for you know the summer

1212

00:42:56,950 --> 00:42:54,160

session uh just look at the center that

1213

00:42:59,190 --> 00:42:56,960

you're uh considering and um consider

1214

00:43:01,750 --> 00:42:59,200

the area where they're at so um

1215

00:43:04,470 --> 00:43:01,760

oftentimes our interns you know across

1216

00:43:06,630 --> 00:43:04,480

the agency will either look at airbnb or

1217

00:43:09,190 --> 00:43:06,640

you know um check out different housing

1218

00:43:11,109 --> 00:43:09,200

options you know in the area yeah yeah

1219

00:43:12,790 --> 00:43:11,119

and we kind of when once students are

1220

00:43:14,630 --> 00:43:12,800

accepted we'll send out some housing

1221

00:43:16,870 --> 00:43:14,640

like resources and recommendations and i

1222

00:43:18,390 --> 00:43:16,880

think most centers do that so we try to

1223

00:43:19,430 --> 00:43:18,400

help you know you know what's there

1224

00:43:21,750 --> 00:43:19,440

because we know a lot of people are

1225

00:43:24,150 --> 00:43:21,760

coming from from madison yeah yeah and i

1226

00:43:25,910 --> 00:43:24,160

imagine future interns can be in touch

1227

00:43:27,670 --> 00:43:25,920

with each other maybe roommates

1228

00:43:29,430 --> 00:43:27,680

definitely that kind of thing can help

1229

00:43:31,670 --> 00:43:29,440

yeah we help get them connected before

1230

00:43:33,990 --> 00:43:31,680

they're here so okay so find roommates

1231

00:43:36,550 --> 00:43:34,000

that helps um

1232

00:43:38,550 --> 00:43:36,560

i saw a good one that i wanted to cover

1233

00:43:40,309 --> 00:43:38,560

here's one spacetvnet is asking can

1234

00:43:42,870 --> 00:43:40,319

people with a disability become a nasa

1235

00:43:44,790 --> 00:43:42,880

intern of course

1236

00:43:46,230 --> 00:43:44,800

yes plain and simple easy answer yeah

1237

00:43:47,829 --> 00:43:46,240

plain and simple

1238

00:43:50,870 --> 00:43:47,839

um

1239

00:43:52,790 --> 00:43:50,880

astro b astrobeecal we have a project

1240

00:43:54,390 --> 00:43:52,800

called youtube we have interns working

1241

00:43:55,910 --> 00:43:54,400

on it

1242

00:43:57,910 --> 00:43:55,920

does your major impact the project that

1243

00:43:59,589 --> 00:43:57,920

you work on as an intern say for example

1244

00:44:01,430 --> 00:43:59,599

if you apply as an engineering major you

1245

00:44:03,030 --> 00:44:01,440

might work on rockets or biology majors

1246

00:44:04,390 --> 00:44:03,040

might work on recycling water for trips

1247

00:44:05,589 --> 00:44:04,400

to the moon

1248

00:44:08,230 --> 00:44:05,599

yeah so

1249

00:44:11,109 --> 00:44:08,240

usually the projects are aimed at

1250

00:44:13,589 --> 00:44:11,119

specific majors sometimes though um

1251
00:44:15,430 --> 00:44:13,599
there's projects where the mentors they

1252
00:44:17,270 --> 00:44:15,440
just take a group of students and then

1253
00:44:18,390 --> 00:44:17,280
you know they'll tailor it more towards

1254
00:44:19,670 --> 00:44:18,400
you so they'll if they have an

1255
00:44:22,550 --> 00:44:19,680
engineering student they'll kind of give

1256
00:44:23,990 --> 00:44:22,560
them that portion of the project and um

1257
00:44:27,109 --> 00:44:24,000
yeah things like that

1258
00:44:29,109 --> 00:44:27,119
all right cool so speaking of mentors uh

1259
00:44:30,230 --> 00:44:29,119
vanessa was just talking about how hers

1260
00:44:32,150 --> 00:44:30,240
are so amazing and she really

1261
00:44:33,670 --> 00:44:32,160
appreciates working with them what

1262
00:44:35,030 --> 00:44:33,680
exactly is the role of mentors can you

1263
00:44:38,309 --> 00:44:35,040

describe how they work with their

1264

00:44:39,750 --> 00:44:38,319

students yeah so our mentors i mean

1265

00:44:41,270 --> 00:44:39,760

they're really amazing and they're

1266

00:44:43,589 --> 00:44:41,280

obviously you know experts in their

1267

00:44:44,870 --> 00:44:43,599

fields and so they're working day to day

1268

00:44:46,390 --> 00:44:44,880

with the interns they're you know

1269

00:44:47,910 --> 00:44:46,400

providing them support

1270

00:44:49,349 --> 00:44:47,920

teaching them sharing their knowledge

1271

00:44:52,390 --> 00:44:49,359

with them giving them all the necessary

1272

00:44:54,230 --> 00:44:52,400

training um so yeah so they're a huge

1273

00:44:56,710 --> 00:44:54,240

part of the internship program of course

1274

00:44:58,550 --> 00:44:56,720

right um and just another thing to add

1275

00:45:00,390 --> 00:44:58,560

without our mentors internships wouldn't

1276

00:45:01,990 --> 00:45:00,400

exist so they're very critical to the

1277

00:45:03,910 --> 00:45:02,000

internship program right right they're

1278

00:45:06,550 --> 00:45:03,920

the other half interns and mentors right

1279

00:45:09,109 --> 00:45:06,560

exactly yeah and you guys talked about

1280

00:45:12,230 --> 00:45:09,119

interns becoming employees sometimes do

1281

00:45:13,750 --> 00:45:12,240

you have any that then became mentors

1282

00:45:15,829 --> 00:45:13,760

yes yes definitely

1283

00:45:17,510 --> 00:45:15,839

so they know the experience themselves

1284

00:45:20,309 --> 00:45:17,520

yeah i actually think a lot of our

1285

00:45:21,190 --> 00:45:20,319

mentors um were once interns so that

1286

00:45:22,790 --> 00:45:21,200

kind of

1287

00:45:24,870 --> 00:45:22,800

that helps a lot because they're they

1288

00:45:25,589 --> 00:45:24,880

really have that perspective and they

1289

00:45:27,270 --> 00:45:25,599

know

1290

00:45:28,230 --> 00:45:27,280

what kind of support our interns need

1291

00:45:29,670 --> 00:45:28,240

right

1292

00:45:31,990 --> 00:45:29,680

you guys actually invited a mentor here

1293

00:45:34,230 --> 00:45:32,000

to join us to tell us himself about the

1294

00:45:38,390 --> 00:45:34,240

experience so we're going to meet george

1295

00:45:42,470 --> 00:45:40,550

mentor extraordinaire

1296

00:45:44,390 --> 00:45:42,480

hey

1297

00:45:45,750 --> 00:45:44,400

good to see you how are you great to be

1298

00:45:47,670 --> 00:45:45,760

here i'm great thank you so much

1299

00:45:49,910 --> 00:45:47,680

excellent so you're one of our star

1300

00:45:51,109 --> 00:45:49,920

mentors with interns of your own why

1301

00:45:52,710 --> 00:45:51,119

don't you introduce yourself and tell

1302

00:45:54,550 --> 00:45:52,720

everybody what you work on here first of

1303

00:45:57,109 --> 00:45:54,560

all my name is george grossby i'm a

1304

00:45:58,950 --> 00:45:57,119

research engineer here within the

1305

00:46:01,349 --> 00:45:58,960

diagnostics and prognostics research

1306

00:46:04,150 --> 00:46:01,359

group in the intelligent system division

1307

00:46:06,069 --> 00:46:04,160

all right yeah that also is a mouthful

1308

00:46:09,109 --> 00:46:06,079

we'll ask you a little more about your

1309

00:46:10,790 --> 00:46:09,119

work in a bit um but you have you have

1310

00:46:12,390 --> 00:46:10,800

chosen interns yourself who've come to

1311

00:46:14,790 --> 00:46:12,400

work with you what kinds of things are

1312

00:46:16,550 --> 00:46:14,800

you looking for when they apply uh

1313

00:46:18,150 --> 00:46:16,560

typically i look at

1314

00:46:20,710 --> 00:46:18,160

the type of skills the interns list on

1315

00:46:23,670 --> 00:46:20,720

their resume and how they've used those

1316

00:46:25,589 --> 00:46:23,680

skills in experiences in in projects so

1317

00:46:27,349 --> 00:46:25,599

if someone says oh i know c plus i'd

1318

00:46:29,910 --> 00:46:27,359

like to look i look at their resume and

1319

00:46:32,390 --> 00:46:29,920

see how they've used it in the past uh

1320

00:46:34,470 --> 00:46:32,400

and to what degree they've used it yeah

1321

00:46:35,990 --> 00:46:34,480

so like our interns said be specific in

1322

00:46:37,589 --> 00:46:36,000

your application right yeah something

1323

00:46:39,910 --> 00:46:37,599

like george is looking to see what did

1324

00:46:42,870 --> 00:46:39,920

you do with that skill you have

1325

00:46:44,790 --> 00:46:42,880

yeah excellent um i think you must look

1326
00:46:46,470 --> 00:46:44,800
for people who are passionate right yeah

1327
00:46:48,390 --> 00:46:46,480
i i often look for

1328
00:46:50,150 --> 00:46:48,400
people who express themselves in their

1329
00:46:52,150 --> 00:46:50,160
application i read through all the

1330
00:46:53,750 --> 00:46:52,160
different uh fields that are that are in

1331
00:46:56,470 --> 00:46:53,760
the intern application and then i look

1332
00:46:58,630 --> 00:46:56,480
at the resume i love people who are

1333
00:47:00,309 --> 00:46:58,640
excited about space exploration excited

1334
00:47:02,390 --> 00:47:00,319
about robotics excited for an

1335
00:47:05,030 --> 00:47:02,400
opportunity to work here at ames right

1336
00:47:05,829 --> 00:47:05,040
right that's that's like a minimum right

1337
00:47:07,510 --> 00:47:05,839
yeah

1338
00:47:10,710 --> 00:47:07,520

that's definitely something we hear a

1339

00:47:12,950 --> 00:47:10,720

lot from our mentors um i said before we

1340

00:47:14,790 --> 00:47:12,960

you know see hundreds and thousands of

1341

00:47:17,510 --> 00:47:14,800

transcripts that all you know look

1342

00:47:18,710 --> 00:47:17,520

pretty similar but what sets it apart is

1343

00:47:20,950 --> 00:47:18,720

kind of like what you're doing in your

1344

00:47:22,630 --> 00:47:20,960

free time what you know are you teaching

1345

00:47:24,470 --> 00:47:22,640

yourself how to code are you working on

1346

00:47:25,430 --> 00:47:24,480

your pilot's license things like that

1347

00:47:29,270 --> 00:47:25,440

what

1348

00:47:31,589 --> 00:47:29,280

yeah we like we like people who love to

1349

00:47:34,150 --> 00:47:31,599

learn yes that makes sense

1350

00:47:37,349 --> 00:47:34,160

that's a prerequisite for definitely

1351
00:47:39,270 --> 00:47:37,359
learning throughout life yeah exactly so

1352
00:47:41,670 --> 00:47:39,280
george why don't you tell us your story

1353
00:47:43,430 --> 00:47:41,680
exactly how did you get to nasa yeah

1354
00:47:45,510 --> 00:47:43,440
how'd that play out i was very very

1355
00:47:47,430 --> 00:47:45,520
lucky i got into a very small program

1356
00:47:49,829 --> 00:47:47,440
that existed a few years ago called the

1357
00:47:52,710 --> 00:47:49,839
tribal universities and

1358
00:47:54,950 --> 00:47:52,720
tribal colleges and universities program

1359
00:47:57,109 --> 00:47:54,960
it's a program at nasa specific for

1360
00:47:58,549 --> 00:47:57,119
native american students that's amazing

1361
00:48:01,190 --> 00:47:58,559
this is really amazing and it's really

1362
00:48:03,030 --> 00:48:01,200
life-changing uh experience once i got

1363
00:48:05,750 --> 00:48:03,040

here i spent the entire summer working

1364

00:48:07,589 --> 00:48:05,760

with my mentor on a robotics project i

1365

00:48:09,670 --> 00:48:07,599

said this is my foot in the door i'm

1366

00:48:10,870 --> 00:48:09,680

gonna take advantage of it yeah and it

1367

00:48:12,710 --> 00:48:10,880

worked out really well for me because

1368

00:48:15,670 --> 00:48:12,720

the very next summer i was invited back

1369

00:48:17,990 --> 00:48:15,680

to to nasa to take part in the nasa

1370

00:48:19,510 --> 00:48:18,000

academy for robotics oh wow and then the

1371

00:48:21,589 --> 00:48:19,520

following summer i got invited back

1372

00:48:22,790 --> 00:48:21,599

again for the nasa academy for space

1373

00:48:24,470 --> 00:48:22,800

exploration

1374

00:48:26,549 --> 00:48:24,480

all right this really great program that

1375

00:48:28,790 --> 00:48:26,559

was a type of leadership development

1376

00:48:30,150 --> 00:48:28,800

program and then immediately afterwards

1377

00:48:31,670 --> 00:48:30,160

i was lucky enough to get hired full

1378

00:48:34,470 --> 00:48:31,680

time and now

1379

00:48:35,829 --> 00:48:34,480

i live the dream every day right yeah

1380

00:48:37,190 --> 00:48:35,839

yeah i like something you told me one

1381

00:48:38,309 --> 00:48:37,200

time that when you were starting that

1382

00:48:40,390 --> 00:48:38,319

first program you were really

1383

00:48:42,230 --> 00:48:40,400

intimidated and you felt like oh they're

1384

00:48:44,710 --> 00:48:42,240

all going to be geniuses and what if i'm

1385

00:48:46,230 --> 00:48:44,720

not that's a century yeah but is that is

1386

00:48:47,990 --> 00:48:46,240

that what you found when you got here

1387

00:48:49,589 --> 00:48:48,000

it's not at all that way in fact so i

1388

00:48:51,109 --> 00:48:49,599

was very worried i was very worried that

1389

00:48:52,710 --> 00:48:51,119

everybody here at nasa thought i was a

1390

00:48:56,630 --> 00:48:52,720

genius and that they had very high

1391

00:48:58,390 --> 00:48:56,640

expectations of me and in actuality uh

1392

00:48:59,510 --> 00:48:58,400

what we expect of our interns is that

1393

00:49:03,670 --> 00:48:59,520

they

1394

00:49:05,750 --> 00:49:03,680

learn develop new skills get new

1395

00:49:07,109 --> 00:49:05,760

knowledge and then solve that problem

1396

00:49:08,630 --> 00:49:07,119

they don't have to be an expert to be an

1397

00:49:10,390 --> 00:49:08,640

intern but we love it when they can

1398

00:49:12,630 --> 00:49:10,400

learn grow and then help us solve the

1399

00:49:13,910 --> 00:49:12,640

real problems that we have right right

1400

00:49:15,430 --> 00:49:13,920

you're not supposed to already know

1401

00:49:17,589 --> 00:49:15,440

everything when you get here you're here

1402

00:49:20,790 --> 00:49:17,599

to learn right um

1403

00:49:22,150 --> 00:49:20,800

so we we heard from our two interns that

1404

00:49:23,990 --> 00:49:22,160

visited that they're contributing to the

1405

00:49:26,309 --> 00:49:24,000

artemis program what about your interns

1406

00:49:28,790 --> 00:49:26,319

what are they working on and how is that

1407

00:49:30,309 --> 00:49:28,800

supporting the program yeah in fact i've

1408

00:49:33,910 --> 00:49:30,319

got four interns this summer and one of

1409

00:49:35,829 --> 00:49:33,920

them ben is working on a cryogenic fuel

1410

00:49:37,910 --> 00:49:35,839

valve test bed

1411

00:49:40,230 --> 00:49:37,920

uh this that what's that about this is a

1412

00:49:42,630 --> 00:49:40,240

really exciting cryogenic fuel right uh

1413

00:49:44,549 --> 00:49:42,640

so these valves are used for fueling up

1414

00:49:46,549 --> 00:49:44,559

rockets that eventually launch and go to

1415

00:49:49,109 --> 00:49:46,559

space oh yeah the problem is these

1416

00:49:51,190 --> 00:49:49,119

valves they control the flow of

1417

00:49:53,190 --> 00:49:51,200

cryogenic fuel from fuel depots to the

1418

00:49:54,950 --> 00:49:53,200

rockets before liftoff and if any of

1419

00:49:57,510 --> 00:49:54,960

these valves fail during that process

1420

00:49:59,190 --> 00:49:57,520

you got a big problem either the fuel

1421

00:50:01,190 --> 00:49:59,200

doesn't flow and then nobody gets to go

1422

00:50:04,069 --> 00:50:01,200

to space that day oh yeah or the fuel

1423

00:50:06,069 --> 00:50:04,079

flows without stop into a completely

1424

00:50:07,270 --> 00:50:06,079

full rocket and that's another different

1425

00:50:08,549 --> 00:50:07,280

dangerous problem

1426
00:50:10,470 --> 00:50:08,559
so it's really important to understand

1427
00:50:12,549 --> 00:50:10,480
the health state of these systems and

1428
00:50:14,309 --> 00:50:12,559
ben has helped me to do that

1429
00:50:16,470 --> 00:50:14,319
carry out experiments and now we're

1430
00:50:18,230 --> 00:50:16,480
developing algorithms that can help us

1431
00:50:20,230 --> 00:50:18,240
better understand when these systems may

1432
00:50:21,589 --> 00:50:20,240
fail in the future

1433
00:50:23,270 --> 00:50:21,599
pretty important

1434
00:50:25,109 --> 00:50:23,280
this is one of the many things that i'm

1435
00:50:26,790 --> 00:50:25,119
like oh yeah i never thought of that but

1436
00:50:29,270 --> 00:50:26,800
obviously someone has to fuel up the

1437
00:50:30,870 --> 00:50:29,280
rocket yeah and you've got to have a

1438
00:50:32,470 --> 00:50:30,880

valve that's going to stop fueling up

1439

00:50:33,910 --> 00:50:32,480

the rocket at the right time and it's

1440

00:50:35,190 --> 00:50:33,920

amazing yeah these are really important

1441

00:50:37,990 --> 00:50:35,200

even for

1442

00:50:41,030 --> 00:50:38,000

the future of the agency for things like

1443

00:50:43,030 --> 00:50:41,040

the lunar gateway and for possible lunar

1444

00:50:45,349 --> 00:50:43,040

colonies because in each case we'll have

1445

00:50:47,589 --> 00:50:45,359

to fuel up rockets

1446

00:50:49,109 --> 00:50:47,599

for propulsion

1447

00:50:50,710 --> 00:50:49,119

interesting i have some questions that

1448

00:50:52,630 --> 00:50:50,720

you might be able to answer

1449

00:50:56,150 --> 00:50:52,640

from the chat uh

1450

00:50:58,630 --> 00:50:56,160

dakota milk

1451
00:51:00,790 --> 00:50:58,640
is it okay to not have any outside

1452
00:51:02,549 --> 00:51:00,800
experience for the internship

1453
00:51:05,349 --> 00:51:02,559
like as in i'm looking to start building

1454
00:51:08,470 --> 00:51:05,359
experience at nasa would that work out

1455
00:51:11,910 --> 00:51:08,480
yeah well i think that uh if you can

1456
00:51:13,670 --> 00:51:11,920
seek out things like online courses

1457
00:51:15,670 --> 00:51:13,680
make learning a priority for yourself

1458
00:51:18,309 --> 00:51:15,680
and show that you've learned

1459
00:51:20,390 --> 00:51:18,319
uh some skill like i learned java using

1460
00:51:21,430 --> 00:51:20,400
this online course well that's some

1461
00:51:22,950 --> 00:51:21,440
experience that you can put on your

1462
00:51:24,790 --> 00:51:22,960
resume that you don't have to wait for

1463
00:51:27,430 --> 00:51:24,800

anybody else for yeah get started on

1464

00:51:29,030 --> 00:51:27,440

that today yeah yeah good tips to add on

1465

00:51:31,030 --> 00:51:29,040

to that you know uh students are always

1466

00:51:32,790 --> 00:51:31,040

eligible uh able to update their

1467

00:51:35,349 --> 00:51:32,800

application on

1468

00:51:37,030 --> 00:51:35,359

nasa.gov so you know just to go off of

1469

00:51:38,470 --> 00:51:37,040

what george has mentioned once you get

1470

00:51:40,150 --> 00:51:38,480

that experience in make sure to update

1471

00:51:41,589 --> 00:51:40,160

your profile oh that's really good so

1472

00:51:43,430 --> 00:51:41,599

once you send it in it's not gone for

1473

00:51:45,109 --> 00:51:43,440

good right you can go and update it oh

1474

00:51:46,309 --> 00:51:45,119

yeah that's really smart

1475

00:51:48,710 --> 00:51:46,319

um

1476
00:51:51,109 --> 00:51:48,720
george how was the interview process

1477
00:51:52,630 --> 00:51:51,119
when you were becoming an intern

1478
00:51:53,829 --> 00:51:52,640
i remember it might be a while ago i

1479
00:51:55,829 --> 00:51:53,839
don't know

1480
00:51:57,990 --> 00:51:55,839
yeah i was really i was really nervous

1481
00:52:00,230 --> 00:51:58,000
about the interview process uh but in

1482
00:52:02,710 --> 00:52:00,240
actuality everybody here is really

1483
00:52:04,150 --> 00:52:02,720
really nice my interview uh

1484
00:52:06,870 --> 00:52:04,160
i was asked a whole bunch of questions

1485
00:52:08,790 --> 00:52:06,880
about my experience about things that

1486
00:52:09,589 --> 00:52:08,800
made me excited about robotics at the

1487
00:52:11,589 --> 00:52:09,599
time

1488
00:52:12,870 --> 00:52:11,599

um it was really fun and the person that

1489

00:52:14,309 --> 00:52:12,880

i enjoyed that interviewed me is

1490

00:52:16,790 --> 00:52:14,319

actually still a really good friend of

1491

00:52:18,710 --> 00:52:16,800

mine here at the center oh nice yeah so

1492

00:52:19,670 --> 00:52:18,720

it turned out okay

1493

00:52:21,990 --> 00:52:19,680

um

1494

00:52:24,230 --> 00:52:22,000

on your early projects as an intern did

1495

00:52:26,710 --> 00:52:24,240

you work on robotics projects that

1496

00:52:29,270 --> 00:52:26,720

involved robotics design or are interns

1497

00:52:31,349 --> 00:52:29,280

usually heavily involved in programming

1498

00:52:34,069 --> 00:52:31,359

ah was it like varied a well-rounded

1499

00:52:36,390 --> 00:52:34,079

experience or it can be very it can be

1500

00:52:37,670 --> 00:52:36,400

incredibly varied in fact for me i had

1501

00:52:38,790 --> 00:52:37,680

to work on the hardware and when i was

1502

00:52:40,790 --> 00:52:38,800

done working on the hardware i had to

1503

00:52:42,790 --> 00:52:40,800

work on the software and in certain

1504

00:52:43,910 --> 00:52:42,800

cases both the hardware and the software

1505

00:52:47,589 --> 00:52:43,920

needed

1506

00:52:49,430 --> 00:52:47,599

extra work uh it was is pretty varied

1507

00:52:50,870 --> 00:52:49,440

and some of the interns i have now some

1508

00:52:53,750 --> 00:52:50,880

of them are purely programming some of

1509

00:52:55,910 --> 00:52:53,760

them are doing hardware someone's doing

1510

00:52:57,430 --> 00:52:55,920

hardware and programming okay yeah all

1511

00:52:58,950 --> 00:52:57,440

sorts of things which is great because

1512

00:53:00,950 --> 00:52:58,960

you want to be exposed to as much as you

1513

00:53:02,309 --> 00:53:00,960

can when you're an intern you're not

1514

00:53:04,710 --> 00:53:02,319

quite sure maybe what you want to do for

1515

00:53:07,030 --> 00:53:04,720

the rest of your life yeah yeah when i

1516

00:53:08,710 --> 00:53:07,040

develop projects for interns i try and

1517

00:53:10,710 --> 00:53:08,720

think of things that

1518

00:53:13,030 --> 00:53:10,720

allow them to grow personally and also

1519

00:53:14,470 --> 00:53:13,040

help us with our projects yeah yeah

1520

00:53:15,750 --> 00:53:14,480

that's a nice point

1521

00:53:17,990 --> 00:53:15,760

you're not just it's not a one-way

1522

00:53:19,829 --> 00:53:18,000

street yeah that's important yeah

1523

00:53:22,630 --> 00:53:19,839

absolutely um

1524

00:53:25,829 --> 00:53:22,640

trying to decide what to ask you next um

1525

00:53:27,670 --> 00:53:25,839

a specific one from miguel b714

1526

00:53:29,190 --> 00:53:27,680

uh for george i don't have

1527

00:53:30,950 --> 00:53:29,200

extracurricular projects

1528

00:53:32,549 --> 00:53:30,960

extracurriculars or projects under my

1529

00:53:34,630 --> 00:53:32,559

belt but i do work full-time at an

1530

00:53:35,750 --> 00:53:34,640

aerospace machine shop will i be passed

1531

00:53:37,190 --> 00:53:35,760

over

1532

00:53:38,630 --> 00:53:37,200

maybe for you guys too from what you've

1533

00:53:40,630 --> 00:53:38,640

seen

1534

00:53:41,910 --> 00:53:40,640

in applications yeah not at all in fact

1535

00:53:43,990 --> 00:53:41,920

i'd love to see some of the things that

1536

00:53:46,390 --> 00:53:44,000

you've produced there you know

1537

00:53:48,950 --> 00:53:46,400

definitely highlight the all the skills

1538

00:53:50,950 --> 00:53:48,960

that you've gained in employment

1539

00:53:52,710 --> 00:53:50,960

um and even some of the responsibilities

1540

00:53:54,470 --> 00:53:52,720

that you've taken on as a full-time

1541

00:53:55,750 --> 00:53:54,480

employee

1542

00:53:59,190 --> 00:53:55,760

that's those are all great things to

1543

00:54:00,710 --> 00:53:59,200

have as an intern right yeah yeah

1544

00:54:02,390 --> 00:54:00,720

um you know

1545

00:54:03,510 --> 00:54:02,400

in that personal statement section i

1546

00:54:05,109 --> 00:54:03,520

think that would also be a great

1547

00:54:06,230 --> 00:54:05,119

opportunity for the student to just

1548

00:54:07,910 --> 00:54:06,240

highlight you know what they learned

1549

00:54:09,270 --> 00:54:07,920

from this experience so

1550

00:54:11,510 --> 00:54:09,280

um again it's their opportunity to kind

1551
00:54:13,829 --> 00:54:11,520
of show the mentor you know what type of

1552
00:54:16,470 --> 00:54:13,839
skills uh they've learned and also what

1553
00:54:18,549 --> 00:54:16,480
their potential is as well yeah yeah

1554
00:54:19,829 --> 00:54:18,559
this is great this as usual there's so

1555
00:54:21,990 --> 00:54:19,839
much good stuff to talk about we're

1556
00:54:23,910 --> 00:54:22,000
running out of time so

1557
00:54:25,750 --> 00:54:23,920
i'm going to give you one more question

1558
00:54:29,190 --> 00:54:25,760
or if you have any final thoughts you'd

1559
00:54:31,190 --> 00:54:29,200
want to share for potential interns

1560
00:54:33,910 --> 00:54:31,200
yeah i think that it's really important

1561
00:54:35,589 --> 00:54:33,920
to first of all apply uh there's lots of

1562
00:54:36,710 --> 00:54:35,599
there's lots of opportunities here but

1563
00:54:38,870 --> 00:54:36,720

you're not going to get any of them

1564

00:54:41,349 --> 00:54:38,880

until you apply yeah uh be genuine on

1565

00:54:43,990 --> 00:54:41,359

your resume tell us why you love nasa

1566

00:54:45,990 --> 00:54:44,000

and get ready for an exciting summer

1567

00:54:47,750 --> 00:54:46,000

oh that that's true

1568

00:54:49,910 --> 00:54:47,760

i don't doubt that a bit

1569

00:54:52,069 --> 00:54:49,920

all right well

1570

00:54:53,829 --> 00:54:52,079

we're running out of time so i don't i

1571

00:54:55,349 --> 00:54:53,839

don't want to forget to get in some of

1572

00:54:57,030 --> 00:54:55,359

the information you have to share with

1573

00:54:58,870 --> 00:54:57,040

people um well

1574

00:55:01,190 --> 00:54:58,880

we know one source of information if all

1575

00:55:02,030 --> 00:55:01,200

this has gotten you excited to apply go

1576

00:55:06,230 --> 00:55:02,040

to

1577

00:55:08,230 --> 00:55:06,240

process works deadlines potential

1578

00:55:10,710 --> 00:55:08,240

projects requirements everything you

1579

00:55:12,150 --> 00:55:10,720

need to apply uh but able has some other

1580

00:55:13,910 --> 00:55:12,160

resources where people can learn about

1581

00:55:15,910 --> 00:55:13,920

the stories of interns and different

1582

00:55:17,670 --> 00:55:15,920

kinds of opportunities right right yeah

1583

00:55:19,829 --> 00:55:17,680

so there's three ways uh the first is

1584

00:55:21,190 --> 00:55:19,839

that we have interest stories and blogs

1585

00:55:23,190 --> 00:55:21,200

so if you want to learn more about the

1586

00:55:24,870 --> 00:55:23,200

internet experience from the internet

1587

00:55:27,109 --> 00:55:24,880

perspective and most of these blogs are

1588

00:55:30,230 --> 00:55:27,119

written uh you know from the interns

1589

00:55:31,829 --> 00:55:30,240

themselves visit blogs.nasa.gov

1590

00:55:33,349 --> 00:55:31,839

insurance

1591

00:55:35,030 --> 00:55:33,359

also we have our social media platforms

1592

00:55:37,750 --> 00:55:35,040

as i mentioned so we're on facebook

1593

00:55:39,910 --> 00:55:37,760

twitter and instagram um on facebook and

1594

00:55:41,910 --> 00:55:39,920

twitter we use the handle nasa insurance

1595

00:55:43,430 --> 00:55:41,920

and then on instagram we're at

1596

00:55:45,349 --> 00:55:43,440

nasa internships

1597

00:55:48,069 --> 00:55:45,359

the last thing is that um nowadays on

1598

00:55:50,069 --> 00:55:48,079

social media you can follow hashtags so

1599

00:55:52,789 --> 00:55:50,079

i encourage everyone to on any of those

1600

00:55:54,630 --> 00:55:52,799

social media platforms to search for

1601
00:55:56,789 --> 00:55:54,640
nasa interns and then you'll see a lot

1602
00:55:59,750 --> 00:55:56,799
of the stuff that nasa posts but also

1603
00:56:01,510 --> 00:55:59,760
from the internet um

1604
00:56:03,109 --> 00:56:01,520
the interns specifically so you'll see

1605
00:56:04,950 --> 00:56:03,119
some of their posts as well yeah the

1606
00:56:06,549 --> 00:56:04,960
interns themselves yeah

1607
00:56:08,630 --> 00:56:06,559
and especially today because it's

1608
00:56:10,710 --> 00:56:08,640
national intern days so all kinds of

1609
00:56:12,390 --> 00:56:10,720
posts we're all over social media so

1610
00:56:14,549 --> 00:56:12,400
today's good day to check it out yeah

1611
00:56:16,230 --> 00:56:14,559
absolutely and i'm sure after listening

1612
00:56:18,150 --> 00:56:16,240
to everybody today that those are really

1613
00:56:20,069 --> 00:56:18,160

genuinely interesting stories because

1614

00:56:21,510 --> 00:56:20,079

our interns are doing real research

1615

00:56:23,910 --> 00:56:21,520

that's pushing forward all of our

1616

00:56:25,910 --> 00:56:23,920

missions so yeah i will check it out for

1617

00:56:27,750 --> 00:56:25,920

national intern day

1618

00:56:30,470 --> 00:56:27,760

so we are almost out of time but i'm

1619

00:56:32,309 --> 00:56:30,480

gonna throw a few more questions in just

1620

00:56:35,109 --> 00:56:32,319

to round out the day

1621

00:56:37,990 --> 00:56:35,119

can interns become astronauts

1622

00:56:40,390 --> 00:56:38,000

yes why not i hope so

1623

00:56:42,710 --> 00:56:40,400

the sky's the limit i think is there a

1624

00:56:43,750 --> 00:56:42,720

max age for new nasa interns

1625

00:56:46,150 --> 00:56:43,760

no

1626
00:56:48,069 --> 00:56:46,160
yeah as long as you're currently in

1627
00:56:49,990 --> 00:56:48,079
school enrolled in school so i could go

1628
00:56:52,150 --> 00:56:50,000
back to school and i could come be an

1629
00:56:55,030 --> 00:56:52,160
intern with george yes yes if he takes

1630
00:56:57,750 --> 00:56:55,040
absolutely if he accepts me right

1631
00:56:59,030 --> 00:56:57,760
um do you know then the amount or the

1632
00:57:00,309 --> 00:56:59,040
number of high schoolers compared with

1633
00:57:02,150 --> 00:57:00,319
college students

1634
00:57:03,750 --> 00:57:02,160
does it tend to be college

1635
00:57:06,069 --> 00:57:03,760
yeah it's it's definitely mostly

1636
00:57:07,829 --> 00:57:06,079
undergrad um then the second largest

1637
00:57:09,829 --> 00:57:07,839
group is probably our graduate students

1638
00:57:11,349 --> 00:57:09,839

and then with a few high schoolers here

1639

00:57:13,750 --> 00:57:11,359

and there

1640

00:57:14,630 --> 00:57:13,760

here's my last question of the day

1641

00:57:16,950 --> 00:57:14,640

from

1642

00:57:18,789 --> 00:57:16,960

little schedule

1643

00:57:22,069 --> 00:57:18,799

sorry for butchering that

1644

00:57:26,069 --> 00:57:22,079

can i be 92 and still apply

1645

00:57:28,789 --> 00:57:26,079

sure yes yes no one will stop you

1646

00:57:31,589 --> 00:57:28,799

i'm sure you have many skills to bring

1647

00:57:33,910 --> 00:57:31,599

all right any any final words of advice

1648

00:57:36,309 --> 00:57:33,920

go for it justify it it all just starts

1649

00:57:38,230 --> 00:57:36,319

with applying yep oh yeah that's where

1650

00:57:39,910 --> 00:57:38,240

it begins all right well this has been

1651

00:57:41,510 --> 00:57:39,920

really inspirational and i hope we're

1652

00:57:43,990 --> 00:57:41,520

going to get lots of new applications

1653

00:57:45,750 --> 00:57:44,000

because we need everybody's help

1654

00:57:47,510 --> 00:57:45,760

all right excellent well that is all the

1655

00:57:49,589 --> 00:57:47,520

time we have for today but a huge thanks

1656

00:57:51,750 --> 00:57:49,599

to you guys our guests and to everyone

1657

00:57:53,670 --> 00:57:51,760

that joined us in the chat on twitch we

1658

00:57:54,470 --> 00:57:53,680

will see you next time thank you for

1659

00:58:10,290 --> 00:57:54,480

watching