



SCIENCE LIVE

VIRTUAL EDITION

HOW TO BECOME A

NASA
INTERN



1
00:00:05,749 --> 00:00:03,830
hola everyone and welcome to another

2
00:00:08,070 --> 00:00:05,759
episode of nasa science live

3
00:00:10,150 --> 00:00:08,080
my name is elio moriga and i am your

4
00:00:12,230 --> 00:00:10,160
host for today's episode

5
00:00:14,709 --> 00:00:12,240
i'm an operations and test engineer for

6
00:00:16,550 --> 00:00:14,719
mars 2020 rover perseverance

7
00:00:19,109 --> 00:00:16,560
and i also had the privilege of being an

8
00:00:21,830 --> 00:00:19,119
operator for mars helicopter ingenuity

9
00:00:22,230 --> 00:00:21,840
my journey started as an intern just

10
00:00:24,390 --> 00:00:22,240
five

11
00:00:26,230 --> 00:00:24,400
years ago before becoming a full-time

12
00:00:27,509 --> 00:00:26,240
engineer at nasa's jet propulsion

13
00:00:29,589 --> 00:00:27,519

laboratory

14

00:00:31,669 --> 00:00:29,599

have you ever wondered what it would be

15

00:00:33,750 --> 00:00:31,679

like to work at nasa

16

00:00:37,030 --> 00:00:33,760

many people think nasa is all about

17

00:00:38,470 --> 00:00:37,040

astronauts and traveling to space

18

00:00:40,470 --> 00:00:38,480

however i'm going to tell you something

19

00:00:42,630 --> 00:00:40,480

astronauts aren't the only ones

20

00:00:43,990 --> 00:00:42,640

doing exciting things around here

21

00:00:46,630 --> 00:00:44,000

there's so many roles

22

00:00:47,190 --> 00:00:46,640

from scientists to engineers and even

23

00:00:49,670 --> 00:00:47,200

social

24

00:00:50,630 --> 00:00:49,680

media specialists so how can you get

25

00:00:53,670 --> 00:00:50,640

started

26
00:00:55,750 --> 00:00:53,680
across the country nasa interns from

27
00:00:57,910 --> 00:00:55,760
high school students to graduate

28
00:01:00,150 --> 00:00:57,920
students are using their creativity and

29
00:01:02,790 --> 00:01:00,160
innovation to work on projects

30
00:01:04,149 --> 00:01:02,800
impacting nasa missions today on

31
00:01:06,469 --> 00:01:04,159
national intern day

32
00:01:08,550 --> 00:01:06,479
we're going to dive into how you can

33
00:01:11,510 --> 00:01:08,560
become a nasa intern

34
00:01:12,630 --> 00:01:11,520
i'm joined by albert kudua a nasa

35
00:01:14,870 --> 00:01:12,640
student airborne

36
00:01:15,670 --> 00:01:14,880
research program intern at armstrong

37
00:01:18,390 --> 00:01:15,680
flight

38
00:01:19,350 --> 00:01:18,400

research center and maria pena a remote

39

00:01:21,670 --> 00:01:19,360

summer intern

40

00:01:27,910 --> 00:01:21,680

also at armstrong flight research center

41

00:01:33,910 --> 00:01:31,590

yes awesome

42

00:01:35,749 --> 00:01:33,920

so it must be so exciting to have

43

00:01:37,670 --> 00:01:35,759

started an internship at nasa

44

00:01:40,630 --> 00:01:37,680

can you tell us about your role and what

45

00:01:43,830 --> 00:01:40,640

you're doing at the agency

46

00:01:45,830 --> 00:01:43,840

sure um so i am currently

47

00:01:47,910 --> 00:01:45,840

a student airborne research program

48

00:01:50,310 --> 00:01:47,920

intern with nasa armstrong

49

00:01:52,069 --> 00:01:50,320

and my particular my particular project

50

00:01:54,630 --> 00:01:52,079

is working with

51
00:01:56,870 --> 00:01:54,640
looking at past california wildfires uh

52
00:01:59,190 --> 00:01:56,880
specifically over the past two years

53
00:02:00,550 --> 00:01:59,200
and uh figuring out how they relate to

54
00:02:01,429 --> 00:02:00,560
each other in terms of the land that

55
00:02:03,670 --> 00:02:01,439
they scorch

56
00:02:04,870 --> 00:02:03,680
as well as the aerosols that are lifted

57
00:02:07,670 --> 00:02:04,880
into the atmosphere

58
00:02:09,029 --> 00:02:07,680
uh during the fire um some of the other

59
00:02:09,589 --> 00:02:09,039
things that i get to do as part of this

60
00:02:12,630 --> 00:02:09,599
internship

61
00:02:15,910 --> 00:02:12,640
is that i get to take aerosols um

62
00:02:18,390 --> 00:02:15,920
air aerosol samples and uh have them be

63
00:02:19,589 --> 00:02:18,400

analyzed for about over a hundred uh

64

00:02:24,949 --> 00:02:19,599

trace gases

65

00:02:28,390 --> 00:02:26,869

hey your work is super personal to me

66

00:02:30,309 --> 00:02:28,400

since i work in california this is

67

00:02:34,150 --> 00:02:30,319

fascinating and keep up the great work

68

00:02:36,150 --> 00:02:34,160

maria how about you yeah so i'm part of

69

00:02:38,710 --> 00:02:36,160

the brazilian autonomy team at

70

00:02:40,869 --> 00:02:38,720

armstrong and we test the maturity of

71

00:02:41,990 --> 00:02:40,879

technology and inform airworthiness

72

00:02:44,550 --> 00:02:42,000

requirements

73

00:02:46,710 --> 00:02:44,560

to enable future autonomy so finding a

74

00:02:47,830 --> 00:02:46,720

path to certification for autonomous

75

00:02:49,589 --> 00:02:47,840

aircraft

76

00:02:51,750 --> 00:02:49,599

my role is a little unconventional

77

00:02:54,309 --> 00:02:51,760

because i'm not a stem major

78

00:02:55,350 --> 00:02:54,319

but i provide previously unknown

79

00:02:57,670 --> 00:02:55,360

insights

80

00:02:59,830 --> 00:02:57,680

that could provide uh i could improve

81

00:03:01,830 --> 00:02:59,840

the bi-directional relationships

82

00:03:05,110 --> 00:03:01,840

between human computer interactions and

83

00:03:06,790 --> 00:03:05,120

team interactions as well

84

00:03:08,949 --> 00:03:06,800

hey thanks for sharing and i'm glad you

85

00:03:11,990 --> 00:03:08,959

bring that you know diversity of

86

00:03:12,869 --> 00:03:12,000

skills to the agency uh so how many

87

00:03:17,110 --> 00:03:12,879

times did you guys

88

00:03:19,830 --> 00:03:17,120

apply uh before you got accepted

89

00:03:21,589 --> 00:03:19,840

i personally only applied once but it

90

00:03:23,910 --> 00:03:21,599

was a little different because

91

00:03:25,589 --> 00:03:23,920

um i attended csun so cal state

92

00:03:25,910 --> 00:03:25,599

northridge and there's a program there

93

00:03:29,110 --> 00:03:25,920

called

94

00:03:30,309 --> 00:03:29,120

arcs which is a nasa sponsored chartered

95

00:03:32,710 --> 00:03:30,319

center of excellence

96

00:03:34,710 --> 00:03:32,720

so i applied to the program and i got in

97

00:03:35,670 --> 00:03:34,720

and i was able i had the opportunity to

98

00:03:38,149 --> 00:03:35,680

apply for a

99

00:03:40,789 --> 00:03:38,159

nasa internship so that's how i ended up

100

00:03:45,670 --> 00:03:43,910

what about you albert i

101
00:03:47,589 --> 00:03:45,680
am actually kind of the exact opposite

102
00:03:48,710 --> 00:03:47,599
of that um i actually applied about five

103
00:03:51,990 --> 00:03:48,720
times before

104
00:03:53,990 --> 00:03:52,000
uh getting my first internship and um

105
00:03:55,830 --> 00:03:54,000
uh to hop on that note i would just say

106
00:03:58,550 --> 00:03:55,840
that it doesn't matter whether or not

107
00:04:00,949 --> 00:03:58,560
it takes you once or five times or even

108
00:04:02,710 --> 00:04:00,959
a hundred times uh honestly just

109
00:04:06,390 --> 00:04:02,720
more of the story is just keep applying

110
00:04:10,710 --> 00:04:08,470
yeah it's about that perseverance right

111
00:04:13,589 --> 00:04:10,720
absolute pun intended there

112
00:04:14,949 --> 00:04:13,599
how is this nasa internship uh

113
00:04:17,189 --> 00:04:14,959

influencing your career paths we'll

114

00:04:19,990 --> 00:04:17,199

start with you albert

115

00:04:21,909 --> 00:04:20,000

great um so it's definitely in

116

00:04:23,189 --> 00:04:21,919

influencing my career path as i am

117

00:04:26,390 --> 00:04:23,199

currently an engineering major

118

00:04:27,990 --> 00:04:26,400

at virginia tech but i am now even

119

00:04:31,030 --> 00:04:28,000

looking more so into the environmental

120

00:04:33,749 --> 00:04:31,040

sciences uh through the start program

121

00:04:35,590 --> 00:04:33,759

and so with that um especially as i'm

122

00:04:38,230 --> 00:04:35,600

applying to grad school in the fall

123

00:04:38,710 --> 00:04:38,240

i'm now definitely considering uh going

124

00:04:41,350 --> 00:04:38,720

into

125

00:04:42,310 --> 00:04:41,360

even the environmental sciences um as

126
00:04:43,990 --> 00:04:42,320
well throughout

127
00:04:47,510 --> 00:04:44,000
and hopefully throughout the rest of my

128
00:04:50,870 --> 00:04:48,950
and that's fascinating what about you

129
00:04:52,790 --> 00:04:50,880
maria

130
00:04:54,710 --> 00:04:52,800
um so it's definitely brought in my

131
00:04:56,310 --> 00:04:54,720
career in educational pathways

132
00:04:57,749 --> 00:04:56,320
because personally i never thought i

133
00:05:01,350 --> 00:04:57,759
would do anything within

134
00:05:02,950 --> 00:05:01,360
stem being a psychology major so

135
00:05:05,029 --> 00:05:02,960
it's been great because i mean here we

136
00:05:06,790 --> 00:05:05,039
are right so it's like

137
00:05:08,070 --> 00:05:06,800
i'm really excited to see where i

138
00:05:13,189 --> 00:05:08,080

venture next because

139

00:05:18,710 --> 00:05:15,670

that's right and you know on along those

140

00:05:20,950 --> 00:05:18,720

lines what's some advice that you guys

141

00:05:23,189 --> 00:05:20,960

can share to those that want to be nasa

142

00:05:27,270 --> 00:05:23,199

interns

143

00:05:29,350 --> 00:05:27,280

um i would advise don't be afraid to try

144

00:05:31,270 --> 00:05:29,360

i feel like we limit ourselves or we put

145

00:05:31,990 --> 00:05:31,280

restrictions on ourselves without trying

146

00:05:33,670 --> 00:05:32,000

first

147

00:05:35,590 --> 00:05:33,680

um but i think it's very important to

148

00:05:37,670 --> 00:05:35,600

try because trying is winning

149

00:05:41,350 --> 00:05:37,680

and you just might be surprised what you

150

00:05:45,749 --> 00:05:44,870

what about you albert uh the best advice

151
00:05:48,150 --> 00:05:45,759
that i can give

152
00:05:49,110 --> 00:05:48,160
is that you know don't make excuses for

153
00:05:51,350 --> 00:05:49,120
yourself

154
00:05:53,189 --> 00:05:51,360
um you know you definitely want to go

155
00:05:54,150 --> 00:05:53,199
into this application with an open

156
00:05:55,830 --> 00:05:54,160
mindset

157
00:05:57,590 --> 00:05:55,840
and you really just don't want to you

158
00:05:59,029 --> 00:05:57,600
know make all these excuses oh i can't

159
00:06:01,029 --> 00:05:59,039
get this internship or

160
00:06:03,189 --> 00:06:01,039
oh i'm not you know prepared enough but

161
00:06:05,350 --> 00:06:03,199
in reality uh the best thing you can do

162
00:06:07,430 --> 00:06:05,360
for yourself is apply because like

163
00:06:08,870 --> 00:06:07,440

i mean i'm here and i originally thought

164

00:06:11,350 --> 00:06:08,880

that hey i couldn't like

165

00:06:12,550 --> 00:06:11,360

do the stuff that i'm doing now but i'm

166

00:06:16,950 --> 00:06:12,560

i'm here doing it now

167

00:06:18,710 --> 00:06:16,960

so hey for sure and it's about that

168

00:06:20,230 --> 00:06:18,720

resilience right and i'll sprinkle in my

169

00:06:21,029 --> 00:06:20,240

own piece of advice too for folks

170

00:06:23,510 --> 00:06:21,039

listening in

171

00:06:25,590 --> 00:06:23,520

hey go build stuff go break stuff go

172

00:06:27,350 --> 00:06:25,600

learn how to tell the story about it and

173

00:06:29,029 --> 00:06:27,360

be sure to tell those recruiters what

174

00:06:31,270 --> 00:06:29,039

how what you learned right

175

00:06:32,790 --> 00:06:31,280

um so hey thank you guys for joining us

176

00:06:36,309 --> 00:06:32,800

i think you definitely provided some

177

00:06:41,270 --> 00:06:36,319

some great insight for our viewers

178

00:06:45,590 --> 00:06:43,749

yeah so as you can see nasa has

179

00:06:46,950 --> 00:06:45,600

opportunities in many areas

180

00:06:48,870 --> 00:06:46,960

you just heard from some of the interns

181

00:06:50,790 --> 00:06:48,880

involved in science and engineering

182

00:06:53,189 --> 00:06:50,800

but the opportunities don't stop there

183

00:06:54,950 --> 00:06:53,199

so let's hear from other interns around

184

00:06:56,870 --> 00:06:54,960

the agency and learn about the work

185

00:06:58,870 --> 00:06:56,880

they're doing

186

00:07:00,070 --> 00:06:58,880

hello my name is megan hale and i'm from

187

00:07:01,990 --> 00:07:00,080

houston texas

188

00:07:05,029 --> 00:07:02,000

hi my name is aryak and i'm from

189

00:07:06,710 --> 00:07:05,039

california my name is celisostre cortes

190

00:07:08,390 --> 00:07:06,720

and i am from puerto rico

191

00:07:10,309 --> 00:07:08,400

my name is liam and i'm from durham new

192

00:07:12,309 --> 00:07:10,319

hampshire my name is nina asamota

193

00:07:14,710 --> 00:07:12,319

my name is caitlin dickinson my name is

194

00:07:16,390 --> 00:07:14,720

ellie kobe my name is daniel oppong duo

195

00:07:18,309 --> 00:07:16,400

i'm currently an intern at stennis space

196

00:07:19,990 --> 00:07:18,319

center and i'm working on robotics for

197

00:07:20,550 --> 00:07:20,000

the astro cam collaborative partners

198

00:07:23,029 --> 00:07:20,560

program

199

00:07:24,710 --> 00:07:23,039

i'm an intern at jpl researching proto

200

00:07:27,350 --> 00:07:24,720

doom formation on mars

201
00:07:29,189 --> 00:07:27,360
i'm an intern at johnson space center

202
00:07:30,070 --> 00:07:29,199
doing 3d modeling and animation for the

203
00:07:32,070 --> 00:07:30,080
artemis program

204
00:07:33,749 --> 00:07:32,080
i'm interning at the goddard space

205
00:07:34,950 --> 00:07:33,759
flight center researching commercial

206
00:07:36,870 --> 00:07:34,960
small satellite data

207
00:07:38,950 --> 00:07:36,880
currently an intern at aims research

208
00:07:39,909 --> 00:07:38,960
center virtually as you can see by my

209
00:07:41,589 --> 00:07:39,919
setup here

210
00:07:43,430 --> 00:07:41,599
working on an application for

211
00:07:45,830 --> 00:07:43,440
visualization and analysis

212
00:07:47,110 --> 00:07:45,840
of 3d celestial globes i am an intern at

213
00:07:48,550 --> 00:07:47,120

the office of international and

214

00:07:49,350 --> 00:07:48,560

interagency relations at nasa

215

00:07:51,350 --> 00:07:49,360

headquarters

216

00:07:52,869 --> 00:07:51,360

i'm an intern at nasa's johnson space

217

00:07:54,790 --> 00:07:52,879

center and i'm currently working in the

218

00:07:56,710 --> 00:07:54,800

office of stem engagement

219

00:07:58,150 --> 00:07:56,720

currently i'm interning at langley and

220

00:07:59,749 --> 00:07:58,160

developing artificial intelligence

221

00:08:00,390 --> 00:07:59,759

applications that i can deploy to the

222

00:08:02,150 --> 00:08:00,400

cloud

223

00:08:04,070 --> 00:08:02,160

it has been my dream to work at nasa

224

00:08:04,469 --> 00:08:04,080

since i was six years old i really love

225

00:08:06,629 --> 00:08:04,479

how

226

00:08:08,309 --> 00:08:06,639

collaborative and supportive my team are

227

00:08:09,909 --> 00:08:08,319

there's a new and exciting challenge

228

00:08:10,469 --> 00:08:09,919

every day i'm always learning something

229

00:08:11,909 --> 00:08:10,479

new

230

00:08:14,309 --> 00:08:11,919

and i feel like i'm part of a really big

231

00:08:16,469 --> 00:08:14,319

family what i like about interning at

232

00:08:19,189 --> 00:08:16,479

nasa is that i have the opportunity to

233

00:08:21,270 --> 00:08:19,199

work with data that's out of this world

234

00:08:22,950 --> 00:08:21,280

and going forward i really want to

235

00:08:23,990 --> 00:08:22,960

develop a skill set in artificial

236

00:08:26,150 --> 00:08:24,000

intelligence

237

00:08:28,070 --> 00:08:26,160

to challenge algorithmic bias and just

238

00:08:29,749 --> 00:08:28,080

create more equitable solutions and in

239

00:08:31,670 --> 00:08:29,759

the future i'd really like to work on

240

00:08:33,350 --> 00:08:31,680

something similar to what i'm doing now

241

00:08:35,430 --> 00:08:33,360

exploring other planets

242

00:08:37,350 --> 00:08:35,440

or helping our home here on earth in the

243

00:08:37,909 --> 00:08:37,360

future if i'm not here or working on

244

00:08:39,430 --> 00:08:37,919

space

245

00:08:41,350 --> 00:08:39,440

i really want to work on the autonomous

246

00:08:42,870 --> 00:08:41,360

vehicle industry and hopefully

247

00:08:44,149 --> 00:08:42,880

you know contribute some code to it

248

00:08:45,430 --> 00:08:44,159

definitely want to work in the field of

249

00:08:46,710 --> 00:08:45,440

international space policy

250

00:08:48,630 --> 00:08:46,720

i've fallen in love with it even more

251
00:08:49,990 --> 00:08:48,640
since my internship started and it's my

252
00:08:51,990 --> 00:08:50,000
dream to work at nasa

253
00:08:53,750 --> 00:08:52,000
in the future i hope to work at nasa

254
00:08:55,590 --> 00:08:53,760
full time as a mechanical engineer

255
00:08:57,670 --> 00:08:55,600
my career goals are to become a

256
00:09:00,070 --> 00:08:57,680
successful planetary scientist

257
00:09:01,750 --> 00:09:00,080
and maybe even an astronaut someday one

258
00:09:03,509 --> 00:09:01,760
piece of advice i have for anyone who

259
00:09:05,350 --> 00:09:03,519
wants to enter is just apply

260
00:09:06,870 --> 00:09:05,360
apply apply apply you never know let

261
00:09:09,030 --> 00:09:06,880
your passion shine through

262
00:09:11,269 --> 00:09:09,040
one thing i want to recommend to anyone

263
00:09:13,110 --> 00:09:11,279

anyone who wants to enter nasa is to not

264

00:09:14,310 --> 00:09:13,120

quit i got rejected from like 20

265

00:09:15,670 --> 00:09:14,320

different positions before i got the

266

00:09:17,030 --> 00:09:15,680

interview for the one i'm working at

267

00:09:18,310 --> 00:09:17,040

right now take chances

268

00:09:20,150 --> 00:09:18,320

you might be surprised at what you can

269

00:09:21,670 --> 00:09:20,160

accomplish just reach out

270

00:09:23,269 --> 00:09:21,680

make connections and show your passion

271

00:09:25,269 --> 00:09:23,279

for nasa interning

272

00:09:26,949 --> 00:09:25,279

is an incredible opportunity to work

273

00:09:28,470 --> 00:09:26,959

with and learn from people

274

00:09:30,389 --> 00:09:28,480

of all different backgrounds and

275

00:09:31,030 --> 00:09:30,399

strengths all striving towards the same

276

00:09:33,110 --> 00:09:31,040

goals

277

00:09:34,829 --> 00:09:33,120

apply wishing guys the best of luck

278

00:09:38,230 --> 00:09:34,839

that's all for me

279

00:09:43,030 --> 00:09:40,310

hey so i'm now joined by annelise

280

00:09:44,949 --> 00:09:43,040

giuliani a pr intern program coordinator

281

00:09:48,230 --> 00:09:44,959

for the office of stem engagement

282

00:09:50,949 --> 00:09:48,240

thank you so much for joining us

283

00:09:52,710 --> 00:09:50,959

thank you so much for having me today um

284

00:09:53,350 --> 00:09:52,720

i'm so excited to get to talk with you

285

00:09:56,550 --> 00:09:53,360

further

286

00:09:58,470 --> 00:09:56,560

again my name is annelise giuliani i am

287

00:09:59,829 --> 00:09:58,480

um the office of some engagement

288

00:10:01,829 --> 00:09:59,839

internship coordinator

289

00:10:04,230 --> 00:10:01,839

at both the johnson space center which

290

00:10:06,069 --> 00:10:04,240

is located in houston texas and then

291

00:10:08,310 --> 00:10:06,079

also at the white sands test facility in

292

00:10:09,190 --> 00:10:08,320

las cruces new mexico so i'm very

293

00:10:11,110 --> 00:10:09,200

excited

294

00:10:13,269 --> 00:10:11,120

to get to give you some tips and tricks

295

00:10:15,590 --> 00:10:13,279

on the nasa intern application process

296

00:10:17,509 --> 00:10:15,600

today

297

00:10:19,590 --> 00:10:17,519

yeah so we have so many people wondering

298

00:10:22,389 --> 00:10:19,600

how they can become a nasa intern

299

00:10:22,790 --> 00:10:22,399

so how many interns are there at nasa

300

00:10:24,870 --> 00:10:22,800

and

301

00:10:26,710 --> 00:10:24,880

what sorts of opportunities are

302

00:10:28,949 --> 00:10:26,720

available

303

00:10:30,389 --> 00:10:28,959

yeah that's a great question um so right

304

00:10:32,069 --> 00:10:30,399

now through the office of stem

305

00:10:35,350 --> 00:10:32,079

engagement we have over 2

306

00:10:37,190 --> 00:10:35,360

000 interns interning with us at

307

00:10:38,870 --> 00:10:37,200

all the different nasa centers sitting

308

00:10:41,030 --> 00:10:38,880

across the country

309

00:10:42,470 --> 00:10:41,040

this summer we are operating virtually

310

00:10:44,310 --> 00:10:42,480

so we have students

311

00:10:46,389 --> 00:10:44,320

in the us we have students in puerto

312

00:10:48,870 --> 00:10:46,399

rico and then also in

313

00:10:49,990 --> 00:10:48,880

the u.s virgin islands they're interning

314

00:10:51,990 --> 00:10:50,000

on projects

315

00:10:53,430 --> 00:10:52,000

with from the stem disciplines so you

316

00:10:55,430 --> 00:10:53,440

have that science

317

00:10:57,750 --> 00:10:55,440

technology engineering and math but we

318

00:11:00,230 --> 00:10:57,760

also have students working on projects

319

00:11:01,670 --> 00:11:00,240

in some of those mission support areas

320

00:11:04,150 --> 00:11:01,680

such as public affairs

321

00:11:05,430 --> 00:11:04,160

the communication fields the education

322

00:11:07,509 --> 00:11:05,440

fields

323

00:11:09,750 --> 00:11:07,519

even finance and accounting because nasa

324

00:11:12,069 --> 00:11:09,760

tries to remain diverse and inclusive in

325

00:11:13,590 --> 00:11:12,079

all the students and the backgrounds

326

00:11:13,990 --> 00:11:13,600

because we need those jobs to

327

00:11:17,590 --> 00:11:14,000

essentially

328

00:11:20,150 --> 00:11:17,600

get to the moon one day that's right i

329

00:11:22,470 --> 00:11:20,160

would wholeheartedly agree with that

330

00:11:24,389 --> 00:11:22,480

so what are some requirements that uh

331

00:11:26,150 --> 00:11:24,399

people need to know about to become nasa

332

00:11:27,990 --> 00:11:26,160

interns

333

00:11:30,790 --> 00:11:28,000

yeah so the first thing i love to tell

334

00:11:32,550 --> 00:11:30,800

students um is head to intern.nasa.gov

335

00:11:33,110 --> 00:11:32,560

that is going to be your one-stop shop

336

00:11:35,670 --> 00:11:33,120

to view

337

00:11:37,190 --> 00:11:35,680

all of the different internships that

338

00:11:39,829 --> 00:11:37,200

nasa offers

339

00:11:41,509 --> 00:11:39,839

but for an example for the office of

340

00:11:44,710 --> 00:11:41,519

some engagement internships

341

00:11:46,389 --> 00:11:44,720

that i currently work on and manage

342

00:11:47,990 --> 00:11:46,399

we have a few eligibility requirements

343

00:11:49,509 --> 00:11:48,000

that each student needs to meet before

344

00:11:50,389 --> 00:11:49,519

going ahead and clicking that submit

345

00:11:51,990 --> 00:11:50,399

button

346

00:11:53,590 --> 00:11:52,000

so the first one being that you do need

347

00:11:56,949 --> 00:11:53,600

a 3.0 gpa

348

00:11:58,710 --> 00:11:56,959

on a 4.0 scale students do need to be at

349

00:12:01,269 --> 00:11:58,720

least 16 years of age

350

00:12:02,710 --> 00:12:01,279

at the time of application they need to

351

00:12:04,470 --> 00:12:02,720

be a us citizen

352

00:12:06,470 --> 00:12:04,480

and then students also need to be

353

00:12:08,550 --> 00:12:06,480

enrolled in an accredited college or

354

00:12:12,470 --> 00:12:08,560

university but they can also be in high

355

00:12:16,310 --> 00:12:14,629

got it so there's so many programs so

356

00:12:19,190 --> 00:12:16,320

what are some of the different type of

357

00:12:21,509 --> 00:12:19,200

internships at nasa

358

00:12:23,670 --> 00:12:21,519

gosh there are so many different

359

00:12:26,310 --> 00:12:23,680

pathways to getting to nasa and just

360

00:12:28,629 --> 00:12:26,320

getting into a nasa internship i think

361

00:12:30,389 --> 00:12:28,639

any full-time nasa employee i speak with

362

00:12:32,870 --> 00:12:30,399

has a little bit different of a path

363

00:12:34,310 --> 00:12:32,880

on how they got to where they are today

364

00:12:36,310 --> 00:12:34,320

um but two of our

365

00:12:38,550 --> 00:12:36,320

larger programs are like i said the

366

00:12:40,230 --> 00:12:38,560

office of some engagement internships

367

00:12:41,750 --> 00:12:40,240

and then we also have our pathways

368

00:12:44,310 --> 00:12:41,760

program as well

369

00:12:44,949 --> 00:12:44,320

which is more on the federal side so

370

00:12:47,030 --> 00:12:44,959

first

371

00:12:48,990 --> 00:12:47,040

to view those internships and what's

372

00:12:50,389 --> 00:12:49,000

available you can go ahead to

373

00:12:52,870 --> 00:12:50,399

intern.nasa.gov

374

00:12:53,670 --> 00:12:52,880

nasa also has a few other smaller

375

00:12:56,389 --> 00:12:53,680

programs

376

00:12:57,110 --> 00:12:56,399

um but also just as great our lspace

377

00:12:58,629 --> 00:12:57,120

academy

378

00:13:00,389 --> 00:12:58,639

and then we also have internships

379

00:13:01,590 --> 00:13:00,399

through the jet propulsion propulsion

380

00:13:04,230 --> 00:13:01,600

laboratory

381

00:13:04,870 --> 00:13:04,240

um where you are and then along with

382

00:13:07,670 --> 00:13:04,880

those

383

00:13:08,389 --> 00:13:07,680

nasa also offers a whole plentiful

384

00:13:10,949 --> 00:13:08,399

amount

385

00:13:12,470 --> 00:13:10,959

of student and educator programs and

386

00:13:14,629 --> 00:13:12,480

activities

387

00:13:16,310 --> 00:13:14,639

aside from internships so to view some

388

00:13:17,949 --> 00:13:16,320

of those they are spread out across the

389

00:13:19,430 --> 00:13:17,959

different nasa centers you can go to

390

00:13:21,829 --> 00:13:19,440

nasa.gov

391

00:13:24,230 --> 00:13:21,839

stem and you can take a look at some of

392

00:13:27,030 --> 00:13:24,240

our fellowship opportunities our postdoc

393

00:13:27,829 --> 00:13:27,040

opportunities our artemis student

394

00:13:30,550 --> 00:13:27,839

challenges

395

00:13:32,389 --> 00:13:30,560

we even have the nasa community college

396

00:13:33,190 --> 00:13:32,399

aerospace scholars and the list just

397

00:13:34,949 --> 00:13:33,200

goes on

398

00:13:37,030 --> 00:13:34,959

so again i really encourage you to go

399

00:13:38,629 --> 00:13:37,040

check them out for both student

400

00:13:40,790 --> 00:13:38,639

opportunities and then also

401
00:13:42,550 --> 00:13:40,800
educator and teacher opportunities as

402
00:13:44,870 --> 00:13:42,560
well

403
00:13:46,790 --> 00:13:44,880
yeah so there's such a vast you know

404
00:13:48,790 --> 00:13:46,800
amount of programs to get to nasa and

405
00:13:50,389 --> 00:13:48,800
hoping all of you join us one day

406
00:13:51,829 --> 00:13:50,399
and you know along those lines what are

407
00:13:55,509 --> 00:13:51,839
some highlights you know that

408
00:13:57,670 --> 00:13:55,519
that interns at nasa have

409
00:14:00,150 --> 00:13:57,680
yeah so many highlights i can speak from

410
00:14:02,550 --> 00:14:00,160
prior experience um i was a nasa intern

411
00:14:03,910 --> 00:14:02,560
but a few short years ago

412
00:14:06,150 --> 00:14:03,920
and i think the first highlight i would

413
00:14:06,949 --> 00:14:06,160

want to touch on is that students really

414

00:14:10,389 --> 00:14:06,959

have that

415

00:14:11,670 --> 00:14:10,399

opportunity to contribute to nasa's

416

00:14:14,230 --> 00:14:11,680

overall missions

417

00:14:15,750 --> 00:14:14,240

and really receive wholesome experiences

418

00:14:17,030 --> 00:14:15,760

and work with some of the greatest minds

419

00:14:18,389 --> 00:14:17,040

in the world

420

00:14:19,829 --> 00:14:18,399

and then the second highlight i

421

00:14:20,550 --> 00:14:19,839

definitely think is the amount of

422

00:14:22,389 --> 00:14:20,560

networking

423

00:14:24,550 --> 00:14:22,399

and student engagement opportunities

424

00:14:26,150 --> 00:14:24,560

that each student gets

425

00:14:28,470 --> 00:14:26,160

it allows them to grow both

426

00:14:29,750 --> 00:14:28,480

professionally and then personally as

427

00:14:31,670 --> 00:14:29,760

well

428

00:14:33,189 --> 00:14:31,680

students also receive opportunities to

429

00:14:35,350 --> 00:14:33,199

meet and greet with other interns

430

00:14:37,829 --> 00:14:35,360

across the agency through some

431

00:14:39,030 --> 00:14:37,839

student-led committees such as taxi

432

00:14:41,030 --> 00:14:39,040

and then they really just get the

433

00:14:43,430 --> 00:14:41,040

privilege to work on projects that have

434

00:14:45,670 --> 00:14:43,440

a lot of cross-collaboration

435

00:14:48,629 --> 00:14:45,680

across organizations at each center and

436

00:14:51,350 --> 00:14:48,639

then across each nasa center as well

437

00:14:52,389 --> 00:14:51,360

i like to tell students to look and to

438

00:14:53,750 --> 00:14:52,399

learn more about

439

00:14:55,590 --> 00:14:53,760

some of the student highlights that are

440

00:14:57,189 --> 00:14:55,600

going on from session to session

441

00:14:59,189 --> 00:14:57,199

they can check out our social media

442

00:15:02,230 --> 00:14:59,199

pages on instagram

443

00:15:02,790 --> 00:15:02,240

linkedin facebook wherever you can find

444

00:15:04,230 --> 00:15:02,800

us

445

00:15:05,910 --> 00:15:04,240

and you'll get to learn more about some

446

00:15:07,750 --> 00:15:05,920

of the deadlines that are coming up

447

00:15:09,350 --> 00:15:07,760

and then also about the really cool and

448

00:15:12,710 --> 00:15:09,360

exciting projects that our students are

449

00:15:14,230 --> 00:15:12,720

working on today

450

00:15:16,310 --> 00:15:14,240

yeah and i have to agree with everything

451
00:15:18,069 --> 00:15:16,320
you know i became a full-time employee

452
00:15:19,110 --> 00:15:18,079
after being an intern because i loved it

453
00:15:22,310 --> 00:15:19,120
that much right

454
00:15:25,030 --> 00:15:22,320
so we will be right back with ask nasa

455
00:15:25,670 --> 00:15:25,040
so remember to join the conversation and

456
00:15:28,790 --> 00:15:25,680
ask your

457
00:15:30,870 --> 00:15:28,800
questions on today's episode using

458
00:15:31,990 --> 00:15:30,880
ask nasa in the chat box wherever you're

459
00:15:34,389 --> 00:15:32,000
watching this

460
00:15:36,710 --> 00:15:34,399
we know there's a lot of questions but

461
00:15:38,150 --> 00:15:36,720
first let's take a few of our interns

462
00:15:40,069 --> 00:15:38,160
and see how they became full-time

463
00:15:42,790 --> 00:15:40,079

employees and continued

464

00:15:44,389 --> 00:15:42,800

their nasa journey hello my name is

465

00:15:45,990 --> 00:15:44,399

chelsea vallarte and i'm a public

466

00:15:46,790 --> 00:15:46,000

affairs specialist at nasa's johnson

467

00:15:48,550 --> 00:15:46,800

space center

468

00:15:50,550 --> 00:15:48,560

hello my name is sue core and i'm the

469

00:15:51,990 --> 00:15:50,560

lead systems engineer for the data and

470

00:15:54,230 --> 00:15:52,000

reasoning fabric project

471

00:15:55,670 --> 00:15:54,240

at nasa ames research center hello my

472

00:15:57,749 --> 00:15:55,680

name is zeta hernandez

473

00:15:59,910 --> 00:15:57,759

i interned at nasa doing testing on

474

00:16:01,110 --> 00:15:59,920

spacesuits and analysis on thermal

475

00:16:03,829 --> 00:16:01,120

protection systems

476
00:16:05,990 --> 00:16:03,839
i am now working on lunar vehicles and

477
00:16:07,189 --> 00:16:06,000
thermal systems for the orion spacecraft

478
00:16:09,910 --> 00:16:07,199
for the artemis mission

479
00:16:12,550 --> 00:16:09,920
hi my name is javier ocasio perez and i

480
00:16:13,350 --> 00:16:12,560
intern at nasa doing software today i'm

481
00:16:15,910 --> 00:16:13,360
an integration

482
00:16:17,670 --> 00:16:15,920
test manager when i was an asset intern

483
00:16:18,949 --> 00:16:17,680
it was my job to communicate all things

484
00:16:20,710 --> 00:16:18,959
science at nasa

485
00:16:22,710 --> 00:16:20,720
so that included writing articles

486
00:16:23,350 --> 00:16:22,720
editing videos and planning live tv

487
00:16:25,110 --> 00:16:23,360
shows

488
00:16:26,710 --> 00:16:25,120

even meeting some of you at live events

489

00:16:28,710 --> 00:16:26,720

like nasa socials

490

00:16:30,470 --> 00:16:28,720

and now that i work full time here i get

491

00:16:32,629 --> 00:16:30,480

to do the exact same job

492

00:16:34,710 --> 00:16:32,639

my name is jacob moore i was an intern

493

00:16:36,310 --> 00:16:34,720

at nasa's goddard space flight center

494

00:16:37,829 --> 00:16:36,320

but now i work here full time as a

495

00:16:39,350 --> 00:16:37,839

flight controller in the mission control

496

00:16:41,910 --> 00:16:39,360

center in houston texas

497

00:16:43,269 --> 00:16:41,920

hi my name is autumn and i was a legal

498

00:16:45,430 --> 00:16:43,279

intern with nasa

499

00:16:46,949 --> 00:16:45,440

and now i'm an attorney advisor my name

500

00:16:50,069 --> 00:16:46,959

is kylie vandenson

501
00:16:52,710 --> 00:16:50,079
i interned at nasa in 2016 2017

502
00:16:53,269 --> 00:16:52,720
and 2018 as a student coordinator

503
00:16:55,110 --> 00:16:53,279
assistant

504
00:16:56,629 --> 00:16:55,120
helping coordinate the nasa internship

505
00:16:58,870 --> 00:16:56,639
program now

506
00:17:00,949 --> 00:16:58,880
i am working full-time in the nasa

507
00:17:01,749 --> 00:17:00,959
office system engagement as an education

508
00:17:03,509 --> 00:17:01,759
specialist

509
00:17:05,429 --> 00:17:03,519
at nasa's armstrong flight research

510
00:17:07,270 --> 00:17:05,439
center my name is lindsay drone and

511
00:17:09,270 --> 00:17:07,280
while interning at nasa i worked on

512
00:17:10,390 --> 00:17:09,280
data visualization techniques through ir

513
00:17:12,549 --> 00:17:10,400

thermography

514

00:17:13,510 --> 00:17:12,559

now i'm a data engineer at unitary plan

515

00:17:15,750 --> 00:17:13,520

windows

516

00:17:17,909 --> 00:17:15,760

my name is talia rivera khan and i

517

00:17:19,909 --> 00:17:17,919

interned at nasa doing public outreach

518

00:17:22,230 --> 00:17:19,919

and science communication

519

00:17:24,789 --> 00:17:22,240

now i'm a public engagement specialist

520

00:17:25,429 --> 00:17:24,799

for nasa's exoplanet exploration program

521

00:17:27,270 --> 00:17:25,439

office

522

00:17:29,510 --> 00:17:27,280

my favorite part about being an intern

523

00:17:31,190 --> 00:17:29,520

is the people in just three short months

524

00:17:32,470 --> 00:17:31,200

you get to work alongside people from

525

00:17:33,990 --> 00:17:32,480

all across the country

526

00:17:35,510 --> 00:17:34,000

get to know them and geek out about

527

00:17:36,710 --> 00:17:35,520

space together i

528

00:17:38,870 --> 00:17:36,720

i know i've made some lifelong

529

00:17:40,630 --> 00:17:38,880

friendships in this program i loved

530

00:17:41,669 --> 00:17:40,640

interning at nasa because i was working

531

00:17:44,070 --> 00:17:41,679

on real engineering

532

00:17:46,310 --> 00:17:44,080

problems alongside senior engineers and

533

00:17:47,990 --> 00:17:46,320

i was also doing my part to help advance

534

00:17:50,070 --> 00:17:48,000

human space exploration

535

00:17:52,470 --> 00:17:50,080

my favorite thing about interning at

536

00:17:54,070 --> 00:17:52,480

nasa was feeling like i belong

537

00:17:56,710 --> 00:17:54,080

there really is a place for everyone

538

00:17:59,669 --> 00:17:56,720

here at nasa what i liked the most about

539

00:18:00,310 --> 00:17:59,679

nasa was that it was very inclusive the

540

00:18:01,909 --> 00:18:00,320

value

541

00:18:03,830 --> 00:18:01,919

of diversity and they were very

542

00:18:06,470 --> 00:18:03,840

welcoming they really want you

543

00:18:07,669 --> 00:18:06,480

to do well they want to see you succeed

544

00:18:09,270 --> 00:18:07,679

back when i was an intern

545

00:18:11,270 --> 00:18:09,280

i learned a ton about professional

546

00:18:12,789 --> 00:18:11,280

communication and other skills i would

547

00:18:14,150 --> 00:18:12,799

need to be part of this world-class

548

00:18:15,590 --> 00:18:14,160

flight control team

549

00:18:17,590 --> 00:18:15,600

the thing that i really enjoyed most

550

00:18:19,190 --> 00:18:17,600

about working as an intern is that i got

551
00:18:20,870 --> 00:18:19,200
to contribute to projects that are going

552
00:18:23,270 --> 00:18:20,880
to take humans back to the moon

553
00:18:24,310 --> 00:18:23,280
and eventually to mars i learned that i

554
00:18:27,270 --> 00:18:24,320
didn't want to go do

555
00:18:27,990 --> 00:18:27,280
something that didn't have meaning at

556
00:18:30,470 --> 00:18:28,000
the end of the day

557
00:18:32,150 --> 00:18:30,480
i wanted to work on something that was

558
00:18:34,630 --> 00:18:32,160
changing the world for the better

559
00:18:35,750 --> 00:18:34,640
and something i could talk about proudly

560
00:18:38,070 --> 00:18:35,760
with my family

561
00:18:39,350 --> 00:18:38,080
and my kids one day what i appreciated

562
00:18:41,590 --> 00:18:39,360
most was all the

563
00:18:43,270 --> 00:18:41,600

people i got to meet and the experiences

564

00:18:44,070 --> 00:18:43,280

i got to have moving forward in my

565

00:18:46,390 --> 00:18:44,080

career

566

00:18:48,230 --> 00:18:46,400

my internship at nasa helped me realize

567

00:18:49,190 --> 00:18:48,240

that i didn't need a science degree to

568

00:18:51,430 --> 00:18:49,200

work there

569

00:18:53,590 --> 00:18:51,440

my favorite thing about interning at

570

00:18:54,230 --> 00:18:53,600

nasa was the ability to meet and network

571

00:18:56,310 --> 00:18:54,240

with nasa

572

00:18:57,430 --> 00:18:56,320

scientists and engineers and i even got

573

00:19:00,150 --> 00:18:57,440

the chance to meet two

574

00:19:01,750 --> 00:19:00,160

apollo astronauts it was unlike anything

575

00:19:03,990 --> 00:19:01,760

i've ever seen before in my life

576

00:19:06,310 --> 00:19:04,000

and that is the reason i came back

577

00:19:07,669 --> 00:19:06,320

because nasa is not just a place to work

578

00:19:13,510 --> 00:19:07,679

for me

579

00:19:17,990 --> 00:19:16,310

so we're back with annelise to answer a

580

00:19:21,590 --> 00:19:18,000

few of your questions

581

00:19:24,390 --> 00:19:21,600

and our first hashtag ask nasa question

582

00:19:25,430 --> 00:19:24,400

is coming from marcus on facebook who

583

00:19:27,029 --> 00:19:25,440

asks

584

00:19:28,630 --> 00:19:27,039

i haven't been in school for quite some

585

00:19:31,669 --> 00:19:28,640

time but can i get

586

00:19:34,470 --> 00:19:31,679

an internship at nasa

587

00:19:36,150 --> 00:19:34,480

great question marcus again i always

588

00:19:38,870 --> 00:19:36,160

like to preface is go ahead

589

00:19:40,310 --> 00:19:38,880

and take a look at intern.nasa.gov for

590

00:19:43,029 --> 00:19:40,320

our office of stem engagement

591

00:19:45,669 --> 00:19:43,039

internships you will need to be enrolled

592

00:19:48,390 --> 00:19:45,679

um in like i said an accredited college

593

00:19:50,710 --> 00:19:48,400

or university or in high school as well

594

00:19:52,710 --> 00:19:50,720

or you also could be able to show that

595

00:19:53,270 --> 00:19:52,720

you are pursuing your next academic

596

00:19:55,029 --> 00:19:53,280

pursuit

597

00:19:56,710 --> 00:19:55,039

um so take a look on that website and

598

00:20:00,230 --> 00:19:56,720

see if you fall into any of the other

599

00:20:06,549 --> 00:20:04,149

at a [debelca](#) on twitter asks

600

00:20:07,190 --> 00:20:06,559

can a medical student participate in an

601
00:20:10,230 --> 00:20:07,200
internship

602
00:20:11,909 --> 00:20:10,240
at nasa of course

603
00:20:14,149 --> 00:20:11,919
like i said nasa tries to remain

604
00:20:14,789 --> 00:20:14,159
inclusive and diverse in the students

605
00:20:17,350 --> 00:20:14,799
that

606
00:20:19,590 --> 00:20:17,360
they bring on for their internships

607
00:20:21,590 --> 00:20:19,600
personally speaking i work at the nasa

608
00:20:23,430 --> 00:20:21,600
johnson space center and we do usually

609
00:20:26,230 --> 00:20:23,440
hire a good cohort

610
00:20:27,270 --> 00:20:26,240
of medical students working on some

611
00:20:30,310 --> 00:20:27,280
biomechanic

612
00:20:31,510 --> 00:20:30,320
and spacesuit type projects especially

613
00:20:33,909 --> 00:20:31,520

during the summer time

614

00:20:35,909 --> 00:20:33,919

so like i said keep an eye out on that

615

00:20:40,390 --> 00:20:35,919

that website um and for some opening

616

00:20:45,350 --> 00:20:43,990

and now we have basil e frankweiler also

617

00:20:48,710 --> 00:20:45,360

from twitter

618

00:20:51,270 --> 00:20:48,720

who asks i recently heard about artists

619

00:20:53,270 --> 00:20:51,280

at nasa i'd love to hear more about what

620

00:20:55,990 --> 00:20:53,280

they do

621

00:20:57,750 --> 00:20:56,000

that is such a great question i actually

622

00:20:59,669 --> 00:20:57,760

sit in the same office as one of our

623

00:21:01,909 --> 00:20:59,679

resident artists

624

00:21:03,190 --> 00:21:01,919

at johnson space center many of our

625

00:21:06,710 --> 00:21:03,200

artists also work

626
00:21:08,470 --> 00:21:06,720
in that graphic design type field as

627
00:21:09,830 --> 00:21:08,480
well so if that's part of your skill

628
00:21:11,990 --> 00:21:09,840
sets i encourage you to

629
00:21:14,310 --> 00:21:12,000
maybe search by keyword for graphic

630
00:21:17,029 --> 00:21:14,320
design or visual arts

631
00:21:19,190 --> 00:21:17,039
along those lines but again speaking

632
00:21:21,350 --> 00:21:19,200
from my own personal experience

633
00:21:23,350 --> 00:21:21,360
and i know several other nasa centers do

634
00:21:25,190 --> 00:21:23,360
have resident artists that do

635
00:21:27,270 --> 00:21:25,200
a lot of the different work for the

636
00:21:28,630 --> 00:21:27,280
center operations they may be painting

637
00:21:30,470 --> 00:21:28,640
murals

638
00:21:32,950 --> 00:21:30,480

around the center and other things along

639

00:21:35,190 --> 00:21:32,960

those lines

640

00:21:37,430 --> 00:21:35,200

yeah i'll add to that too at jpl we have

641

00:21:38,950 --> 00:21:37,440

fantastic artists that come up with all

642

00:21:41,190 --> 00:21:38,960

kinds of graphics and posters that

643

00:21:42,870 --> 00:21:41,200

you're welcome to look up online

644

00:21:44,390 --> 00:21:42,880

that highlight all of our missions

645

00:21:46,230 --> 00:21:44,400

coming out of jpl and

646

00:21:47,590 --> 00:21:46,240

it's amazing artwork i have some around

647

00:21:49,830 --> 00:21:47,600

my house too uh

648

00:21:50,789 --> 00:21:49,840

fantastic work we have some some artists

649

00:21:53,830 --> 00:21:50,799

doing

650

00:21:55,110 --> 00:21:53,840

so anna from facebook asks how can you

651
00:21:57,190 --> 00:21:55,120
become an intern if you're an

652
00:22:00,070 --> 00:21:57,200
international student

653
00:22:01,830 --> 00:22:00,080
anna great question and great name um i

654
00:22:04,390 --> 00:22:01,840
would encourage you again

655
00:22:06,630 --> 00:22:04,400
you're going to go to intern.nasa.gov

656
00:22:07,270 --> 00:22:06,640
and we do have an international student

657
00:22:10,230 --> 00:22:07,280
program

658
00:22:12,310 --> 00:22:10,240
for interns located and based out of the

659
00:22:13,430 --> 00:22:12,320
ames research center up in northern

660
00:22:16,070 --> 00:22:13,440
california

661
00:22:16,710 --> 00:22:16,080
so once you head on to that website you

662
00:22:18,950 --> 00:22:16,720
can see

663
00:22:20,870 --> 00:22:18,960

if your country of residency falls under

664

00:22:22,710 --> 00:22:20,880

that space act agreement

665

00:22:24,390 --> 00:22:22,720

and allows you to pursue a nasa

666

00:22:26,070 --> 00:22:24,400

internship so again that will give you a

667

00:22:28,470 --> 00:22:26,080

whole list

668

00:22:29,590 --> 00:22:28,480

and some directions on what you can you

669

00:22:32,789 --> 00:22:29,600

can take on

670

00:22:34,630 --> 00:22:32,799

for the international program that's

671

00:22:36,149 --> 00:22:34,640

right here at jpl we have many

672

00:22:38,310 --> 00:22:36,159

international students as well

673

00:22:40,230 --> 00:22:38,320

from specific schools specific countries

674

00:22:41,510 --> 00:22:40,240

i again you know along those lines

675

00:22:42,789 --> 00:22:41,520

there's specific programs you're gonna

676
00:22:43,590 --> 00:22:42,799
have to do a little bit of work digging

677
00:22:46,789 --> 00:22:43,600
them up

678
00:22:49,510 --> 00:22:46,799
but but it is possible for some folks so

679
00:22:51,190 --> 00:22:49,520
ashford on youtube asks how do we go

680
00:22:51,909 --> 00:22:51,200
about applying for an internship if we

681
00:22:55,669 --> 00:22:51,919
don't have

682
00:22:57,510 --> 00:22:55,679
much experience outside of school work

683
00:23:00,390 --> 00:22:57,520
i would encourage you first is to get

684
00:23:00,630 --> 00:23:00,400
involved whether it's at your university

685
00:23:03,990 --> 00:23:00,640
or

686
00:23:05,590 --> 00:23:04,000
wherever you may be

687
00:23:07,990 --> 00:23:05,600
but it can also be within your local

688
00:23:09,830 --> 00:23:08,000

community you can join some clubs and

689

00:23:11,270 --> 00:23:09,840

things like that that really near what

690

00:23:12,789 --> 00:23:11,280

your interests are

691

00:23:14,789 --> 00:23:12,799

um you know if you have an interest in

692

00:23:16,390 --> 00:23:14,799

robotics maybe you can look for

693

00:23:18,710 --> 00:23:16,400

first robotics clubs if you have an

694

00:23:20,870 --> 00:23:18,720

interest in you know graphic design and

695

00:23:23,110 --> 00:23:20,880

things like that look for opportunities

696

00:23:25,270 --> 00:23:23,120

wherever you're at to go and grow those

697

00:23:27,110 --> 00:23:25,280

skill sets

698

00:23:28,549 --> 00:23:27,120

and with that once you have those skill

699

00:23:29,510 --> 00:23:28,559

sets and once you're filling out the

700

00:23:31,350 --> 00:23:29,520

application

701
00:23:32,950 --> 00:23:31,360
i encourage students to really think

702
00:23:35,510 --> 00:23:32,960
about what their interests are

703
00:23:37,510 --> 00:23:35,520
and how they've applied those interests

704
00:23:40,149 --> 00:23:37,520
firsthand and go ahead and put some of

705
00:23:43,590 --> 00:23:40,159
those keywords into the application too

706
00:23:45,190 --> 00:23:43,600
so get out there and get involved

707
00:23:46,710 --> 00:23:45,200
that's right and i'll add to that too

708
00:23:48,549 --> 00:23:46,720
highlighting what i said earlier

709
00:23:50,230 --> 00:23:48,559
you know go if you don't have the chance

710
00:23:52,070 --> 00:23:50,240
of having internships or

711
00:23:53,909 --> 00:23:52,080
research or you know whatever one of

712
00:23:55,990 --> 00:23:53,919
these pathways is on your own

713
00:23:58,070 --> 00:23:56,000

go build stuff go break stuff there's so

714

00:23:59,830 --> 00:23:58,080

many resources online nowadays

715

00:24:01,750 --> 00:23:59,840

i encourage you to just go explore all

716

00:24:02,549 --> 00:24:01,760

the skill sets that that are out there

717

00:24:04,549 --> 00:24:02,559

whatever you

718

00:24:05,990 --> 00:24:04,559

you know pursue be passionate about and

719

00:24:07,350 --> 00:24:06,000

learn how to tell a story with it i

720

00:24:07,990 --> 00:24:07,360

think that's very important in this

721

00:24:11,590 --> 00:24:08,000

whole

722

00:24:15,909 --> 00:24:11,600

um you know joining process here so pama

723

00:24:17,830 --> 00:24:15,919

from youtube asks are internships paid

724

00:24:19,909 --> 00:24:17,840

yes they are a great question most of

725

00:24:20,630 --> 00:24:19,919

our internships across the agency are

726

00:24:23,430 --> 00:24:20,640

paid

727

00:24:25,350 --> 00:24:23,440

um they do differ a bit based on your

728

00:24:27,750 --> 00:24:25,360

specific academic level

729

00:24:28,549 --> 00:24:27,760

um you know high school versus undergrad

730

00:24:32,870 --> 00:24:28,559

versus

731

00:24:34,950 --> 00:24:32,880

get paid a little bit differently

732

00:24:36,149 --> 00:24:34,960

um in the way that they whether they're

733

00:24:39,510 --> 00:24:36,159

a stipend um

734

00:24:41,269 --> 00:24:39,520

or just you know a bi-weekly paycheck so

735

00:24:43,110 --> 00:24:41,279

they are paid um and again check out

736

00:24:44,870 --> 00:24:43,120

that intern.nasa.gov

737

00:24:50,230 --> 00:24:44,880

site and that can break down a couple of

738

00:24:56,149 --> 00:24:53,990

now we have dimad on youtube who ask

739

00:24:57,110 --> 00:24:56,159

what type of work do you recommend us to

740

00:25:01,110 --> 00:24:57,120

study

741

00:25:03,029 --> 00:25:01,120

that could be useful to enter

742

00:25:05,190 --> 00:25:03,039

yeah i'm going to put the ball back in

743

00:25:07,669 --> 00:25:05,200

your court on this one my friend

744

00:25:09,430 --> 00:25:07,679

i really encourage you to go out and

745

00:25:12,310 --> 00:25:09,440

look at what your real interests

746

00:25:14,149 --> 00:25:12,320

are you know i can't pick a major for

747

00:25:14,789 --> 00:25:14,159

you when you're going into college but i

748

00:25:17,110 --> 00:25:14,799

think

749

00:25:18,549 --> 00:25:17,120

once you get um you know into school

750

00:25:19,990 --> 00:25:18,559

you'll learn about what some of your

751
00:25:23,990 --> 00:25:20,000
interests are

752
00:25:26,630 --> 00:25:24,000
so um really take a look in that regard

753
00:25:27,350 --> 00:25:26,640
again like i said nasa hires a lot of

754
00:25:29,750 --> 00:25:27,360
stem

755
00:25:30,549 --> 00:25:29,760
um disciplines and fields so there's

756
00:25:33,269 --> 00:25:30,559
science

757
00:25:34,549 --> 00:25:33,279
technology engineering and math um but

758
00:25:36,549 --> 00:25:34,559
say you have an interest

759
00:25:38,789 --> 00:25:36,559
like we said in social media maybe

760
00:25:40,950 --> 00:25:38,799
you'll pursue a communications path

761
00:25:43,430 --> 00:25:40,960
nasa needs social media experts to put

762
00:25:45,750 --> 00:25:43,440
on events like this one perhaps so

763
00:25:47,269 --> 00:25:45,760

really wherever your interests fall um

764

00:25:50,470 --> 00:25:47,279

you know take that and run with it

765

00:25:52,549 --> 00:25:50,480

i am a teacher by degree um so i took my

766

00:25:53,430 --> 00:25:52,559

education path and mailed it melded it

767

00:25:55,430 --> 00:25:53,440

with stem

768

00:25:56,789 --> 00:25:55,440

and here we are coordinating internship

769

00:25:58,310 --> 00:25:56,799

programs so there's plenty of

770

00:26:00,470 --> 00:25:58,320

opportunities for you

771

00:26:03,590 --> 00:26:00,480

to kind of pursue whatever your dreams

772

00:26:07,029 --> 00:26:05,029

and i'll just sprinkle in if you're

773

00:26:09,190 --> 00:26:07,039

coming into engineering and i'm biased

774

00:26:10,789 --> 00:26:09,200

right i want everybody to be an engineer

775

00:26:12,470 --> 00:26:10,799

regardless of what engineering degree

776

00:26:14,789 --> 00:26:12,480

you do i just recommend you go learn how

777

00:26:17,029 --> 00:26:14,799

to code one way or another

778

00:26:18,149 --> 00:26:17,039

definitely becomes very useful in any

779

00:26:21,350 --> 00:26:18,159

technical path

780

00:26:24,630 --> 00:26:21,360

so now we have raja on youtube who asks

781

00:26:26,789 --> 00:26:24,640

are there any age limits raja

782

00:26:29,029 --> 00:26:26,799

another great question for the office of

783

00:26:30,950 --> 00:26:29,039

stem engagement program and then

784

00:26:32,149 --> 00:26:30,960

also for the pathways and other programs

785

00:26:34,950 --> 00:26:32,159

you will need to be

786

00:26:36,630 --> 00:26:34,960

at least 16 years of age at the time of

787

00:26:38,710 --> 00:26:36,640

your application

788

00:26:40,630 --> 00:26:38,720

so keep an eye out there but like i said

789

00:26:43,750 --> 00:26:40,640

nasa does offer some other

790

00:26:45,750 --> 00:26:43,760

activities and student engagement

791

00:26:47,430 --> 00:26:45,760

type opportunities especially we have a

792

00:26:48,950 --> 00:26:47,440

great one again out of johnson space

793

00:26:50,070 --> 00:26:48,960

center called the high school aerospace

794

00:26:52,390 --> 00:26:50,080

scholars

795

00:26:53,990 --> 00:26:52,400

where you get a chance to come to one of

796

00:26:56,549 --> 00:26:54,000

the nasa centers

797

00:26:59,350 --> 00:26:56,559

and work on a team and produce some

798

00:27:01,549 --> 00:26:59,360

different types of materials there so

799

00:27:03,669 --> 00:27:01,559

there are a couple age limits but again

800

00:27:05,590 --> 00:27:03,679

intern.nasa.gov will be able to give you

801
00:27:06,870 --> 00:27:05,600
a breakdown of those

802
00:27:13,110 --> 00:27:06,880
and then for the office of stem

803
00:27:16,310 --> 00:27:15,510
all right so we have time for one more

804
00:27:19,029 --> 00:27:16,320
question

805
00:27:19,990 --> 00:27:19,039
team explorers on youtube asked what if

806
00:27:21,430 --> 00:27:20,000
you want to be an intern

807
00:27:22,950 --> 00:27:21,440
but live in a state far away from the

808
00:27:24,549 --> 00:27:22,960
nasa space center do you have to move

809
00:27:26,789 --> 00:27:24,559
closer

810
00:27:27,909 --> 00:27:26,799
uh another good question so like i

811
00:27:30,549 --> 00:27:27,919
mentioned before

812
00:27:31,269 --> 00:27:30,559
um our interns um are operating

813
00:27:34,149 --> 00:27:31,279

virtually

814

00:27:36,149 --> 00:27:34,159

this summer so students are working

815

00:27:38,389 --> 00:27:36,159

across the agency from the comfort of

816

00:27:40,630 --> 00:27:38,399

their own home or dorm room

817

00:27:41,510 --> 00:27:40,640

but as we move forward and we go back to

818

00:27:45,510 --> 00:27:41,520

center

819

00:27:47,269 --> 00:27:45,520

will be asked to relocate

820

00:27:48,870 --> 00:27:47,279

closer to that area so they're able to

821

00:27:53,510 --> 00:27:48,880

get onto that nasa center

822

00:27:59,029 --> 00:27:55,990

so that's all the time we have thank you

823

00:28:00,870 --> 00:27:59,039

so much annelise for joining us today

824

00:28:02,870 --> 00:28:00,880

thank you so much for having me it was

825

00:28:04,830 --> 00:28:02,880

lovely getting to chat with you today

826

00:28:09,190 --> 00:28:04,840

and go ahead and apply at

827

00:28:12,230 --> 00:28:11,269

all right so thank you everyone joining

828

00:28:14,710 --> 00:28:12,240

us at home

829

00:28:15,669 --> 00:28:14,720

to learn more about the ways you can get

830

00:28:21,149 --> 00:28:15,679

involved

831

00:28:25,110 --> 00:28:22,630

www.intern.nasa.gov

832

00:28:26,070 --> 00:28:25,120

also make sure to follow us on twitter

833

00:28:29,269 --> 00:28:26,080

and facebook

834

00:28:31,510 --> 00:28:29,279

at nasa interns for updates and when and

835

00:28:34,070 --> 00:28:31,520

how to apply for internships fellows

836

00:28:34,549 --> 00:28:34,080

fellowships and much more so you know

837

00:28:36,149 --> 00:28:34,559

we're

838

00:28:38,549 --> 00:28:36,159

so happy that you guys could join us

839

00:28:40,549 --> 00:28:38,559

today and we hope you can join us here

840

00:28:43,430 --> 00:28:40,559

at nasa hope all of you can make it here