1
00:00:13,013 --> 00:00:16,650
>>My name is Josh Peterson,
I'm from Suwanee, Georgia,

2
00:00:16,650 --> 00:00:18,919
and I go to Georgia Tech.

3
00:00:18,919 --> 00:00:22,189
I've been working on
the F-18 behind us,

4
00:00:22,222 --> 00:00:25,525
and we're converting into a
flight controls test bed.

5
00:00:25,692 --> 00:00:28,862
Ever since I can remember I've
been fascinated with space

6
00:00:28,896 --> 00:00:32,533
and flight, and everything that
has to do with an airplane.

7
00:00:32,599 --> 00:00:36,036
So really, working at NASA is a
dream come true.

8
00:00:36,370 --> 00:00:40,374
>>My name's Emma Ruano, I'm
from Tehachapi, California,

9
00:00:40,440 --> 00:00:41,775
and I'm going to
Bakersfield College

10
00:00:41,808 --> 00:00:44,144
and majoring in
Industrial Technology.

11

00:00:44,444 --> 00:00:47,114
This year I've been
working on IKHANA.

12
00:00:47,147 --> 00:00:50,717
I'm a mechanic for NASA's
IKHANA MQ-9 Reaper.

13
00:00:52,052 --> 00:00:55,889
I became interested in working
for NASA when my mentor from

14
00:00:55,923 --> 00:00:59,393
both National Test Pilot School
and robotics encouraged me

15
00:00:59,426 --> 00:01:02,529
to delve further in the
aerospace industries.

16
00:01:02,562 --> 00:01:06,033
I got online and found NASA's
internship website

17
00:01:06,066 --> 00:01:07,568
and I just applied.

18
00:01:08,335 --> 00:01:10,470
>>My name is Karter Rohrer,
I go to school

19
00:01:10,504 --> 00:01:13,607
at Cal Poly Pomona,
I grew up in Tehachapi.

20
00:01:13,640 --> 00:01:16,310
So I specialize in
cyber security, so I've been

21
00:01:16,343 --> 00:01:18,278

looking at NASA web
servers. I've been

22
00:01:18,278 --> 00:01:20,747
looking for vulnerabilities,
pen testing them,

23
00:01:20,747 --> 00:01:23,617
which means I try to hack them.

24
00:01:23,617 --> 00:01:25,786
The impact that I've made
on my department is

25
00:01:25,786 --> 00:01:28,722
I've improved the overall IT
security at Armstrong and

26
00:01:28,722 --> 00:01:32,559
after I leave I will improve
the agency IT security.

27
00:01:32,592 --> 00:01:35,762
It's going to help a lot. It's
going to protect our systems.

28
00:01:35,762 --> 00:01:38,999
I'm coming in as an outside
hacker trying to hack

29
00:01:38,999 --> 00:01:42,402
our systems. If I'm not
doing this, somebody else will.

30
00:01:43,070 --> 00:01:46,106
>>My name is Kira Headrick,
I'm from Boulder, Colorado,

31
00:01:46,106 --> 00:01:48,275
but I grew up all on

the east coast,

32
00:01:48,275 --> 00:01:50,844
and I go to Harvard University.

33
00:01:51,211 --> 00:01:54,648
I've always been interested
in things NASA does.

34
00:01:54,648 --> 00:01:56,316
When I was little it
was mostly the

35
00:01:56,316 --> 00:01:59,920
high profile stuff
like going to the moon,

36
00:01:59,920 --> 00:02:02,589
but as I've gotten older I've
gotten more interested in

37
00:02:02,589 --> 00:02:04,591
aircraft and stuff like that.

38
00:02:04,591 --> 00:02:07,494
When I was looking for an
internship over the summer,

39
00:02:07,494 --> 00:02:11,398
NASA seemed like a place
that I would try to go.

40
00:02:11,531 --> 00:02:14,735
>>My name is Loren Newton,
I'm from Corona, California,

41
00:02:14,735 --> 00:02:17,871
and I attend the University
of California, Berkeley.

42
00:02:17,871 --> 00:02:20,140
What I've really enjoyed about
my experience here at NASA

43
00:02:20,140 --> 00:02:22,376
is pretty much,
I mean,

44
00:02:22,376 --> 00:02:24,645
the entire experience
as a whole.

45
00:02:24,645 --> 00:02:26,880
The forward thinking, the
cutting-edge environment

46
00:02:26,880 --> 00:02:29,349
that we're working in, the
various people that I get

47
00:02:29,349 --> 00:02:31,651
to work with, not just the
professionals, but also

48
00:02:31,651 --> 00:02:33,820
the brilliant interns that we
get to work with,

49
00:02:33,820 --> 00:02:35,489
the ground-breaking research,

50
00:02:35,489 --> 00:02:37,257
it's been a dream come true.

51
00:02:37,290 --> 00:02:40,660
>>The internship program at NASA
Armstrong Flight Research Center

52
00:02:40,660 --> 00:02:44,598

is focused on bringing students
into NASA Armstrong

53
00:02:44,598 --> 00:02:47,334
and providing them with a
hands-on opportunity

54
00:02:47,334 --> 00:02:49,669
to pursue their career.

55
00:02:49,803 --> 00:02:53,840
The majority of our students
are in the STEM fields.

56
00:02:53,840 --> 00:02:58,178
We also bring students in
from everything from

57
00:02:58,178 --> 00:03:00,680
Graphics, Photography,

58
00:03:00,680 --> 00:03:04,184
Mechanical Engineering,
Aerospace Engineering.

59
00:03:04,184 --> 00:03:07,687
All across our Center we've been
trying to broaden our program

60
00:03:07,687 --> 00:03:09,923
and touch as many
areas as we can.

61
00:03:09,990 --> 00:03:12,659
>>It's always fascinating to me
the things

62
00:03:12,659 --> 00:03:14,928
they figure out on their own.

63
00:03:14,928 --> 00:03:18,832
It would go much faster if
the engineers were to

64
00:03:18,832 --> 00:03:20,967
interfere with the
students and tell them,

65
00:03:20,967 --> 00:03:23,703
"No, we want you to do it
exactly this way."

66
00:03:23,703 --> 00:03:27,207
But part of this is so that
the students can discover those

67
00:03:27,207 --> 00:03:30,210
those things for themselves.

68
00:03:30,210 --> 00:03:32,379
>>It's been an amazing
experience working with the

69
00:03:32,379 --> 00:03:34,347
with the professionals
here at the center.

70
00:03:34,347 --> 00:03:36,783
This is what I aspire to do
in the future,

71
00:03:36,783 --> 00:03:38,985
so really getting to work with
people who are

72
00:03:38,985 --> 00:03:41,521
at the absolute top of the field
it's really mind-blowing,

73

00:03:41,521 --> 00:03:44,491
but it's at the same time
something to be very proud of

74
00:03:44,491 --> 00:03:46,393
and a very humbling experience.

75
00:03:47,761 --> 00:03:52,732
>>I really like how everyone
believes in their project.

76
00:03:53,066 --> 00:03:57,471
Even though I'm working in a
project under my mentor,

77
00:03:57,471 --> 00:03:59,906
I am also very independent.

78
00:03:59,906 --> 00:04:03,243
I'm treated like a
real employee here.

79
00:04:04,411 --> 00:04:06,379
>>Most out of my time at NASA
I've enjoyed

80
00:04:06,379 --> 00:04:08,582
working with the other
interns here,

81
00:04:08,582 --> 00:04:11,585
and with Oscar and Al,
my mentors.

82
00:04:11,618 --> 00:04:15,622
It has been such an
eye-opening experience to

83
00:04:15,622 --> 00:04:18,592
work on a center where

this is what they do,

84
00:04:18,592 --> 00:04:21,261
and they have so much
insight and experience.

85
00:04:21,261 --> 00:04:25,932
I think the people here
have been my favorite part.

86
00:04:25,999 --> 00:04:30,604
>> So my time at NASA has helped
my career in various ways,

87
00:04:30,604 --> 00:04:34,040
and it's given me real-time
experience on real situations

88
00:04:34,040 --> 00:04:36,109
that I'll be using for
the rest of my life,

89
00:04:36,109 --> 00:04:40,280
when I'm either working at NASA
or if I'm at another company.

90
00:04:40,280 --> 00:04:43,450
My experience here
has changed my life.

91
00:04:43,617 --> 00:04:46,486
>>My time at NASA this summer
has not only

92
00:04:46,486 --> 00:04:48,788
helped me choose
what I want to do,

93
00:04:48,788 --> 00:04:51,958
but it's given me the experience

that I'm going to need

94
00:04:51,958 --> 00:04:54,561
to work in the field
that I'm going into.

95
00:04:54,561 --> 00:04:57,731
I'm working hands-on,
side-by-side with somebody who's

96
00:04:57,731 --> 00:05:01,301
doing exactly what I want to do
when I graduate.

97
00:05:01,601 --> 00:05:04,638
>>Someone interested in pursuing
the things that I'm doing,

98
00:05:04,638 --> 00:05:06,439
I would just say, "Go for it."

99
00:05:06,439 --> 00:05:08,241
It's easy to think
that you can't do that,

100
00:05:08,241 --> 00:05:11,578
or that you're not going to get
chosen, but the thing is, that

101
00:05:11,578 --> 00:05:14,314
if you're willing to put in the
time to learn it,

102
00:05:14,314 --> 00:05:16,116
you can do
anything that you want.

103
00:05:16,116 --> 00:05:20,187
At NASA, in other careers,
everywhere.

104
00:05:20,253 --> 00:05:23,423
>>Apply as much as possible,
because we have

105
00:05:23,423 --> 00:05:27,127
everyone from a high school
student to a Ph.D. student here,

106
00:05:27,127 --> 00:05:30,864
and who knows what they'll
see on your application.

107
00:05:30,864 --> 00:05:33,767
>>If you want to work at NASA,
I encourage you to apply.