



National Community College Aerospace Scholars  
Fall 2018

1  
00:00:00,400 --> 00:00:01,720

[Music]

2  
00:00:01,880 --> 00:00:06,920

>>To be an aerospace engineer, you have to be confident, you have to have courage, being

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00:00:06,920 --> 00:00:11,680

smart is given, but it's your determination, it's your passion, and it's your creativity

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00:00:11,680 --> 00:00:15,440

which binds you together and makes you suitable for NASA.

5  
00:00:15,760 --> 00:00:22,860

[Music]

6  
00:00:23,500 --> 00:00:31,140

[Background noise]

7  
00:00:35,060 --> 00:00:40,020

>>Even when applying, I felt kind of nervous, because NASA seems like this huge entity that's

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00:00:40,020 --> 00:00:43,300

like untouchable and almost like scary.

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00:00:43,380 --> 00:00:46,620

But when I came here I noticed that a lot of the employees were easy to talk to and

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00:00:46,620 --> 00:00:50,690

they just wanted to engage the minds of future engineers and scientists.

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00:00:50,690 --> 00:00:56,940

>>We basically had to put ourselves into these roles that were very much similar to what

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00:00:56,940 --> 00:00:58,920

NASA does for their projects.

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00:00:58,920 --> 00:01:02,640

We had a game plan of what kind of rover we wanted to build, and then we had an assembly

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00:01:02,640 --> 00:01:07,250

team build the rover, then we had a software engineer go ahead and program that rover and

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00:01:07,250 --> 00:01:09,280

then we just started testing it, and we had missions that we did.

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00:01:10,280 --> 00:01:14,300

[Background noise]

17

00:01:14,480 --> 00:01:19,660

>>We did two tasks, one was for the rover to identify two different objects, and say what

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00:01:19,670 --> 00:01:24,869

those things were, and the other task was for the rover to recover a broken buggy on

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00:01:24,869 --> 00:01:25,869

the Mars surface.

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00:01:25,869 --> 00:01:29,249

>>It is exponentially harder than I thought it was going to be.

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00:01:29,249 --> 00:01:38,170

Working as a team was very difficult because we are all strangers, we had no prior communication

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00:01:38,170 --> 00:01:45,100

with each other and we have all different personalities, so coinciding together, it

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00:01:45,240 --> 00:01:50,000

was a process, but in the end we were able to work as a team and get the job done.

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00:01:50,040 --> 00:01:55,480

[Background noise]

25

00:01:55,480 --> 00:01:59,720

[Music]

26

00:02:02,180 --> 00:02:05,499

>>This is an opportunity that community college students don't normally get.

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00:02:05,499 --> 00:02:10,960

Because of this program, a lot of us have more confidence, we have more knowledge, and

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00:02:10,960 --> 00:02:15,660

we can pursue further and farther in our careers than ever imagined.

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00:02:15,660 --> 00:02:18,020

>>I feel like this was a really great experience.

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00:02:18,020 --> 00:02:24,830

It taught me a lot and I would definitely recommend it to anybody, even, STEM or not,