



1
00:00:00,520 --> 00:00:05,400
[Rover sounds/Dust/Wind]

2
00:00:05,400 --> 00:00:08,400
[Heavy wind]

3
00:00:10,240 --> 00:00:17,480
[Music]

4
00:00:21,470 --> 00:00:27,950
>>Let's get a program that goes forward one
tile, takes a right turn, and then goes forward,

5
00:00:27,950 --> 00:00:32,230
like, what? Four? Three or four tiles?

6
00:00:32,230 --> 00:00:35,670
[Background conversations]

7
00:00:49,240 --> 00:00:55,030
>>The thing I learned the most was just working
with other people, and how to work with them

8
00:00:55,030 --> 00:00:56,030
efficiently.

9
00:00:56,030 --> 00:01:00,659
>>I would say the biggest thing I learned was
being a part of a team.

10
00:01:00,659 --> 00:01:05,740
>>Teamwork is very important, and teamwork brings
out your communication skills, time management

11
00:01:05,740 --> 00:01:06,740
skills.

12
00:01:06,740 --> 00:01:10,190

>>I think the most important thing I learned was the NASA system, the NASA way of doing

13
00:01:10,190 --> 00:01:17,330
things, we got to observe NASA professionals and interact with them closely, and, I think

14
00:01:17,330 --> 00:01:20,250
a big part of that is working in a team.

15
00:01:20,250 --> 00:01:21,940
>>Three, two, one...

16
00:01:21,940 --> 00:01:24,140
[Rover operating]

17
00:01:31,570 --> 00:01:36,240
>>We're given the challenge at the beginning to pick roles that we weren't necessarily

18
00:01:36,240 --> 00:01:37,640
suited for.

19
00:01:37,640 --> 00:01:44,080
[Cheering]

20
00:01:44,080 --> 00:01:49,070
>>Someone who's really good at programming, they were encouraged to be part of the design

21
00:01:49,070 --> 00:01:56,830
team, and someone who has very little knowledge of software was encouraged to be part of the

22
00:01:56,830 --> 00:01:58,700
programming team.

23
00:01:58,700 --> 00:02:04,590
[Music]

24
00:02:04,590 --> 00:02:09,110
>>We had a few hiccups, but that was also another part of this learning experience, is that

25
00:02:09,110 --> 00:02:14,569
you fail and our rover didn't work in certain areas, so that way we were able to manage

26
00:02:14,569 --> 00:02:20,969
our time wisely so that we can make those necessary adjustments to make it a success.

27
00:02:26,659 --> 00:02:31,480
>>I feel like this is a different experience from a group project because it felt like

28
00:02:31,480 --> 00:02:34,120
doing an actual job as an engineer.

29
00:02:34,120 --> 00:02:39,720
So we would have to go back to our hotel rooms and stuff like that and still work really

30
00:02:39,720 --> 00:02:45,040
hard and diligently to make sure that this was a successful mission to Mars.

31
00:02:45,040 --> 00:02:51,000
[Rover sounds]

32
00:02:52,280 --> 00:02:59,400
>>It was different from a group project because we didn't focus on one topic, this project

33
00:02:59,420 --> 00:03:04,470
enveloped so many different disciplines and aspects, we didn't have just the engineering side of things

34
00:03:04,470 --> 00:03:11,160

just the software side of things, but there was also outreach objectives and a funding