1
00:00:07,550 --> 00:00:06,170
my name is jessica i am i am from

2
00:00:09,259 --> 00:00:07,560
polytechnic institute of new york

3
00:00:12,080 --> 00:00:09,269
university is located in brooklyn new

4
00:00:13,190 --> 00:00:12,090
york i am part of the mei group which is

5
00:00:15,709 --> 00:00:13,200
stand for is minority education

6
00:00:18,529 --> 00:00:15,719
initiative program I'm work in the

7
00:00:20,720 --> 00:00:18,539
section 347 the robotics mobility

8
00:00:22,550 --> 00:00:20,730
program lab do i do work is the the

9
00:00:24,410 --> 00:00:22,560
clarity software development lab I'm

10
00:00:28,070 --> 00:00:24,420
currently interning with my mentor

11
00:00:30,710 --> 00:00:28,080
Richard Petrus and dr. Tara esslyn what

12
00:00:32,510 --> 00:00:30,720
they wanted was to be able to plot rover

13
00:00:35,299 --> 00:00:32,520

trajectories like in a visual

14
00:00:37,520 --> 00:00:35,309
presentation format and the best way

15
00:00:38,930 --> 00:00:37,530
that he thought would be is to go

16
00:00:41,030 --> 00:00:38,940
through google earth why is this

17
00:00:43,280 --> 00:00:41,040
important you can use this program to

18
00:00:45,319 --> 00:00:43,290
make your analysis of anything that has

19
00:00:46,910 --> 00:00:45,329
coordinate sensitive information for

20
00:00:48,500 --> 00:00:46,920
instance you can determine where to

21
00:00:51,229 --> 00:00:48,510
Rover with was its trajectory

22
00:00:52,970 --> 00:00:51,239
predictable it was it precise obviously

23
00:00:54,380 --> 00:00:52,980
it's good for visual representation if

24
00:00:55,819 --> 00:00:54,390
you want to use this in meetings that

25
00:00:58,490 --> 00:00:55,829
you're having to see how your progress

26
00:01:01,069 --> 00:00:58,500
is going or to show the public of what

27
00:01:03,410 --> 00:01:01,079
you've accomplished so far at school I'm

28
00:01:04,939 --> 00:01:03,420
into providing some studying Computer

29
00:01:06,469 --> 00:01:04,949
Engineering which is half computer

30
00:01:08,870 --> 00:01:06,479
science programming and half electrical

31
00:01:10,310 --> 00:01:08,880
engineering so if you take the tooling

32
00:01:12,109 --> 00:01:10,320
together the programming with the

33
00:01:14,289 --> 00:01:12,119
hardware and software in a way you kind

34
00:01:16,760 --> 00:01:14,299
of get a robot I want to work with

35
00:01:18,590 --> 00:01:16,770
prosthetics robotic prosthetics when

36
00:01:21,020 --> 00:01:18,600
people who are missing limbs and things

37
00:01:23,870 --> 00:01:21,030
like that even get more in depth with

38
00:01:26,719 --> 00:01:23,880

nano technology and medicine delivery

39
00:01:29,929 --> 00:01:26,729
having JPL my resume I I think for me is

40
00:01:31,969 --> 00:01:29,939
a huge huge deal it's a great very great

41
00:01:34,850 --> 00:01:31,979
environment you have all your resources

42
00:01:37,130 --> 00:01:34,860
here available to you the people they're

43
00:01:39,050 --> 00:01:37,140
very friendly they want to help you if