



1
00:00:12,709 --> 00:00:10,709
the thing that made a difference between

2
00:00:14,549 --> 00:00:12,719
me being let's say like a physicist or a

3
00:00:16,710 --> 00:00:14,559
scientist is probably

4
00:00:18,390 --> 00:00:16,720
the idea that as a as a visually

5
00:00:19,750 --> 00:00:18,400
impaired person i have to solve problems

6
00:00:22,470 --> 00:00:19,760
all the time

7
00:00:25,349 --> 00:00:22,480
my background is is uh uh electrical

8
00:00:28,390 --> 00:00:25,359
engineering with an emphasis on uh

9
00:00:29,830 --> 00:00:28,400
radio frequency and that interest goes

10
00:00:31,910 --> 00:00:29,840
back to when you know i've been

11
00:00:33,750 --> 00:00:31,920
fascinated with radio ever since i was a

12
00:00:36,549 --> 00:00:33,760
little child and got the ham radio

13
00:00:39,110 --> 00:00:36,559

license at 11. so i've been doing

14

00:00:42,830 --> 00:00:39,120

similar things to this for a long time

15

00:00:45,110 --> 00:00:42,840

i uh oversee the design and

16

00:00:46,950 --> 00:00:45,120

implementation of the ground stations

17

00:00:50,150 --> 00:00:46,960

for sdo and lro

18

00:00:54,389 --> 00:00:50,160

mostly in the area of rf radio frequency

19

00:00:57,590 --> 00:00:54,399

so that's the antennas the receivers the

20

00:00:59,110 --> 00:00:57,600

transmitters all that's involved in that

21

00:01:00,790 --> 00:00:59,120

my father right

22

00:01:03,349 --> 00:01:00,800

that really was the beginning of him he

23

00:01:06,789 --> 00:01:03,359

told us we could do anything we want and

24

00:01:09,109 --> 00:01:06,799

and to not settle for second best

25

00:01:12,310 --> 00:01:09,119

working for nasa has really been a

26
00:01:13,830 --> 00:01:12,320
fantastic experience i've gotten to i've

27
00:01:16,630 --> 00:01:13,840
gotten to travel all over the world i

28
00:01:18,630 --> 00:01:16,640
went to greece last year to help out the

29
00:01:20,469 --> 00:01:18,640
russians with when they requested for us

30
00:01:22,469 --> 00:01:20,479
to do the soyuz i

31
00:01:25,350 --> 00:01:22,479
got to go to antarctica to work on an

32
00:01:28,149 --> 00:01:25,360
antenna so it's been an adventure

33
00:01:29,749 --> 00:01:28,159
i've gotten to do what i love to do and

34
00:01:31,350 --> 00:01:29,759
travel all over the world and have a lot

35
00:01:33,510 --> 00:01:31,360
of fun doing it

36
00:01:34,789 --> 00:01:33,520
mentoring i've done some

37
00:01:37,350 --> 00:01:34,799
with the national federation of the

38
00:01:38,830 --> 00:01:37,360

blind the rocket on program

39

00:01:41,590 --> 00:01:38,840

the maryland business

40

00:01:43,429 --> 00:01:41,600

roundtable i guess my advice would be to

41

00:01:45,749 --> 00:01:43,439

anyone out there that they can do what

42

00:01:47,270 --> 00:01:45,759

they want they have to be persistent you

43

00:01:49,109 --> 00:01:47,280

know you know look for help you know

44

00:01:50,710 --> 00:01:49,119

look for people that care about your

45

00:01:53,270 --> 00:01:50,720

future

46

00:01:54,550 --> 00:01:53,280

you know work hard get a good education

47

00:01:56,950 --> 00:01:54,560

you know that would be my advice and

48

00:01:59,030 --> 00:01:56,960

that you know the opportunities are out