



1
00:00:12,356 --> 00:00:04,178

[music]

2
00:00:12,364 --> 00:00:16,354

When I was four, we went on vacation to Disney World,

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00:00:16,363 --> 00:00:20,353

but the main part of that that caught my attention was we went to the Kennedy Space Center,

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00:00:20,362 --> 00:00:24,352

and when I was there, I instantly just fell in love with space and astronomy and

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00:00:24,361 --> 00:00:28,521

wanted to be an astronaut. My name is Dhanesh Krishnarao. I usually

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00:00:28,529 --> 00:00:32,509

go by "DK" here. I'm a rising senior at American University

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00:00:32,518 --> 00:00:36,498

studying physics and math. So this summer, my research project I'm working on

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00:00:36,507 --> 00:00:40,497

is to develop a system where spacecraft operators can look up

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00:00:40,506 --> 00:00:44,666

specific space weather conditions near their spacecraft. Space

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00:00:44,674 --> 00:00:48,674

weather is getting really important now, especially since there are more and more dependencies on

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00:00:48,683 --> 00:00:52,663

satellites and technology. Different space weather events can cause radio

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00:00:52,672 --> 00:00:56,652

blackouts, knock out GPS systems. So I think what I'm doing is

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00:00:56,661 --> 00:01:00,641

going to really help out with making sure that the least damage is done.

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00:01:00,650 --> 00:01:04,640

So the most exciting thing I've done this summer is probably

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00:01:04,648 --> 00:01:08,628

one of the days when all the other forecasters were busy. At this time no one else

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00:01:08,637 --> 00:01:12,627

was free; they were all attending conferences. But they decided to put me in charge

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00:01:12,636 --> 00:01:16,616

for the day. I think Goddard is a great place to be. Everyone is

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00:01:16,625 --> 00:01:20,625

very enthusiastic. Since last summer, as soon as I got here, I loved

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00:01:20,634 --> 00:01:24,614

everything here. One of the main things I liked here a lot was being able to play

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00:01:24,623 --> 00:01:28,803

ultimate frisbee every Tuesday and Thursday with all the NASA employees.

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00:01:28,811 --> 00:01:32,981

I mean overall, I just love being at Goddard. Everyone here is very nice and

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00:01:32,989 --> 00:01:36,969

it's been a great experience.