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00:00:00,000 --> 00:00:02,336
>>KATRINA: It's summer! So
thousands of students across the

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00:00:02,336 --> 00:00:06,340
country are on break from school
and at work for NASA. Over 450

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00:00:06,340 --> 00:00:08,342
are interning for the Goddard
Space Flight Center this summer,

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00:00:08,342 --> 00:00:10,410
and a lot of them are in the
Visitor's Center right now

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00:00:10,410 --> 00:00:12,613
picking up their badges and
everything they need to start

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00:00:12,613 --> 00:00:16,116
their first day. So let's go
inside and meet a few, and stick

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00:00:16,116 --> 00:00:17,618
a camera in their face.

8
00:00:17,618 --> 00:00:31,031
[music]

9
00:00:31,031 --> 00:00:33,700
>>KATRINA: Violet, what are you
going to be working on this
summer? >>VIOLET: I'm going

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00:00:33,700 --> 00:00:37,271
to be doing X-ray
astrophysics. So I'm going
to be... there's a new

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00:00:37,271 --> 00:00:39,840

instrument going up, and I'm
going to be modeling it in

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00:00:39,840 --> 00:00:43,210

Python. >> RALEIGH: So what
projects will you be working on

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00:00:43,210 --> 00:00:45,879

specifically this summer?

>>NICOLE: Micrometeorite science

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00:00:45,879 --> 00:00:48,248

with LISA Pathfinder. >>HÉCTOR:
Well I'm going to be a web

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00:00:48,248 --> 00:00:53,553

developer for Code 585, the
Software Engineering Department.

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00:00:53,553 --> 00:00:57,758

>>ONYEOZIRI: Well, I'm not 100%
sure. >>KAYLA: This summer I'll

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00:00:57,758 --> 00:01:00,160

be doing the particle fallout
measuring methods internship.

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00:01:00,160 --> 00:01:02,429

>>QASIM: So I'll be working on
some spectrometer work.

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00:01:02,429 --> 00:01:06,366

Essentially I'll be doing some
of the hardware and software

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00:01:06,366 --> 00:01:09,002

designing for NASA, and I'm
pretty excited to do that.

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00:01:09,002 --> 00:01:11,238
>>KATRINA: What made you choose
Goddard specifically out of all

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00:01:11,238 --> 00:01:14,207
off the 10 NASA centers?
>>HÉCTOR: I think that what

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00:01:14,207 --> 00:01:18,312
motivated me to choose Goddard
was the amount of Puerto Ricans

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00:01:18,312 --> 00:01:21,048
like me, graduated from my
school, who are working here on

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00:01:21,048 --> 00:01:23,417
the different divisions. >>IMAN:
I went to high school like

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00:01:23,417 --> 00:01:26,820
really nearby here, and so I'd
always pass by Goddard. And I

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00:01:26,820 --> 00:01:30,223
never really thought about
coming here until it was

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00:01:30,223 --> 00:01:32,826
suggested to me. I'm like, 'Wait
a second, I know Goddard!'

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00:01:32,826 --> 00:01:36,463
>>JACOB: It's closest to where I
live, but it also had the things

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00:01:36,463 --> 00:01:38,398
that I'm interested in.
>>VIOLET: Most of the research

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00:01:38,398 --> 00:01:41,268

is being done here. It's kind of
the most exciting center for me,

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00:01:41,268 --> 00:01:44,571

honestly. >>VISHNU: I came to
graduate school in the U.S. just

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00:01:44,571 --> 00:01:47,841

to come to NASA. So, I mean, I
traveled like 9,000 miles just

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00:01:47,841 --> 00:01:51,845

to be here. So it is a big day
for me. >>KATRINA: If you could

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00:01:51,845 --> 00:01:55,449

create any sort of hypothetical
planet that had anything on it

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00:01:55,449 --> 00:01:57,740

-- was composed of anything --
what would this planet be like?

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00:01:57,740 --> 00:02:03,156

>>KAYLA: It would be a lot of
great scenes, great sunsets. So

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00:02:03,156 --> 00:02:06,727

like, I just love sunsets -- it
would be colorful. >>QASIM: I

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00:02:06,727 --> 00:02:09,563

think there would definitely be
some fantasy things going on. So

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00:02:09,563 --> 00:02:13,500

in terms of, um, I would
definitely have, like, rainbow

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00:02:13,500 --> 00:02:16,536

skittles that were just coming
down from rain. >>IMAN: I like

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00:02:16,536 --> 00:02:19,439

Earth. I think we should keep
Earth. >>HÉCTOR: Planet Earth.

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00:02:19,439 --> 00:02:23,610

But cleaner. >>JACOB: Probably
somewhere a little more

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00:02:23,610 --> 00:02:26,980

interesting than Earth. Like
maybe things we could see sort

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00:02:26,980 --> 00:02:30,717

of right outside of, like, the
atmosphere I guess. >>VIOLET:

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00:02:30,717 --> 00:02:32,452

Life forms don't have to be
carbon-based, so it would be

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00:02:32,452 --> 00:02:35,288

really interesting to see just a
planet with life forms that are

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00:02:35,288 --> 00:02:38,425

completely different, and kind
of change our view of what life

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00:02:38,425 --> 00:02:40,927

is. >>RALEIGH: And so what do
you think will be, I guess, the

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00:02:40,927 --> 00:02:44,164

future of the space industry?
>>NICOLE: Well I think everyone

51
00:02:44,164 --> 00:02:47,034
is going towards Mars right now.
>>VIOLET: Definitely the concept

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00:02:47,034 --> 00:02:50,704
of us going to Mars has been a
driving factor for a while.

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00:02:50,704 --> 00:02:54,007
>>ONYEOZIRI: Now that we've
explored space -- to an extent

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00:02:54,007 --> 00:02:57,077
-- I feel like now it's more
like how do we get to live in

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00:02:57,077 --> 00:03:00,781
space, can I get a vacation home
in space. >>KATRINA: So you

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00:03:00,781 --> 00:03:02,983
think space tourism will be a
big thing coming up?

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00:03:02,983 --> 00:03:05,118
>>ONYEOZIRI: Yes, yes. >>KAYLA:
A lot of people think it's just

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00:03:05,118 --> 00:03:09,890
the movies, but reaching out and
trying to go beyond just our

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00:03:09,890 --> 00:03:13,360
solar system is probably where
everyone is headed next.

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00:03:13,360 --> 00:03:16,363
>>VISHNU: The best part of the
space industry right now is that

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00:03:16,363 --> 00:03:18,999

private players are coming in.

And it's not that they're

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00:03:18,999 --> 00:03:22,102

competing with us at NASA, but

they're kind of going together

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00:03:22,102 --> 00:03:25,772

with NASA and that's kind of

amazing. >>KATRINA: What are you

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00:03:25,780 --> 00:03:28,180

most excited about for the

summer? >>ONYEOZIRI: I get to do

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00:03:28,180 --> 00:03:32,140

what I love, which is program.

So, and work with robots.

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00:03:32,145 --> 00:03:35,515

>>JACOB: It's really exciting to

be here, and just to kind of

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00:03:35,515 --> 00:03:37,918

learn how everything that I'll

be working with works. >>QASIM:

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00:03:37,918 --> 00:03:40,654

I'm most excited about the

workshops here, and making new

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00:03:40,654 --> 00:03:43,490

connections with all the people

here. >>NICOLE: Just meeting all

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00:03:43,490 --> 00:03:46,726

the other fellow astrophysics

nerds and stuff like that, so.

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00:03:46,726 --> 00:03:50,697
>>IMAN: Honestly I have no idea
what to expect. But I'm most

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00:03:50,697 --> 00:03:55,502
excited about being able to
share physics with the rest of

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00:03:55,502 --> 00:03:58,572
the community here in Maryland
and D.C. >>HÉCTOR: It's my first

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00:03:58,572 --> 00:04:02,008
internship. I think I'm really
excited, like, for everything.

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00:04:02,008 --> 00:04:04,811
>>KATRINA: Well good luck, I
hope you have a great summer, I

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00:04:04,811 --> 00:04:08,482
know you will -- Goddard's
great, so good luck! >>HÉCTOR:

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00:04:08,482 --> 00:04:11,918
Thank you. >>RALEIGH: Now that
the interns have been oriented

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00:04:11,918 --> 00:04:14,721
on everything they need to know
working here at Goddard, it's

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00:04:14,721 --> 00:04:16,723
time for them to meet their
mentors and start their

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00:04:16,723 --> 00:04:19,526
projects. If you're interested
in learning more about what it

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00:04:19,526 --> 00:04:23,396

takes to be a NASA intern, you
can visit intern.nasa.gov for

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00:04:23,396 --> 00:04:26,867

more information -- and also
keep an eye on nasa.gov/goddard