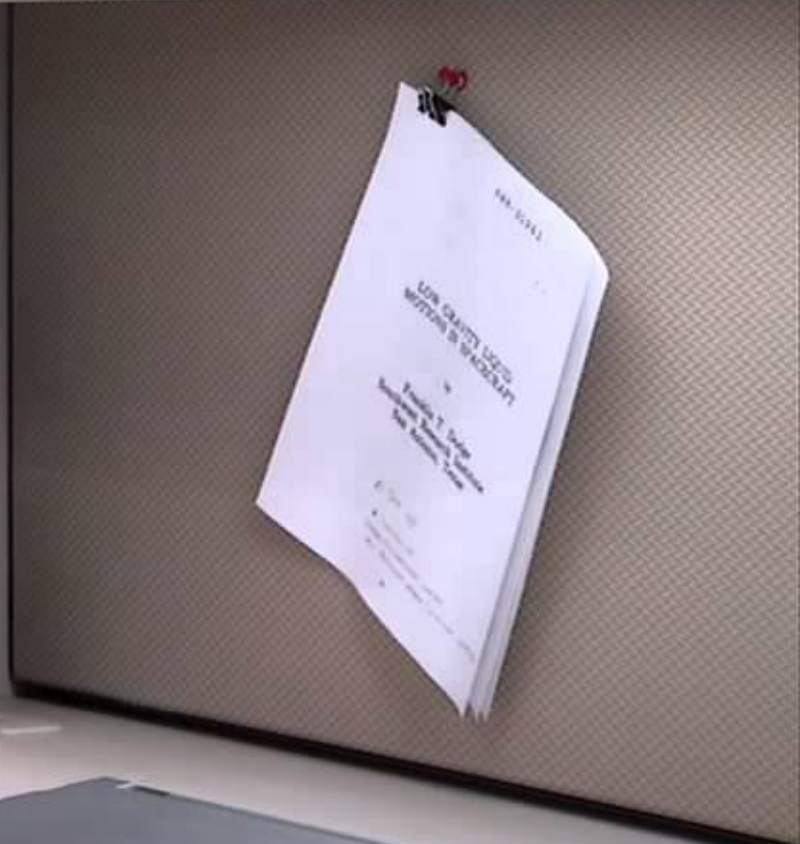




W1116422

| Time | Activity | Location | Notes |
|-------|----------|-----------|-------|
| 08:00 | Arrive | Office | |
| 08:15 | Meeting | Office | |
| 08:30 | Work | Office | |
| 08:45 | Work | Office | |
| 09:00 | Work | Office | |
| 09:15 | Work | Office | |
| 09:30 | Work | Office | |
| 09:45 | Work | Office | |
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| 11:00 | Work | Office | |
| 11:15 | Work | Office | |
| 11:30 | Work | Office | |
| 11:45 | Work | Office | |
| 12:00 | Lunch | Cafeteria | |
| 12:15 | Work | Office | |
| 12:30 | Work | Office | |
| 12:45 | Work | Office | |
| 13:00 | Work | Office | |
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| 23:30 | Work | Office | |
| 23:45 | Work | Office | |
| 24:00 | Work | Office | |



1
00:00:12,050 --> 00:00:04,020

[music]

2
00:00:12,070 --> 00:00:16,100

[dreamy music] When I was

3
00:00:16,120 --> 00:00:20,120

seven, I desperately wanted to go to space camp.

4
00:00:20,140 --> 00:00:24,150

So this is like every little kid's dream, to work here.

5
00:00:24,170 --> 00:00:28,200

The live view of the International Space Station down the hall everyday

6
00:00:28,220 --> 00:00:32,210

is, it's pretty cool. [music transitions]

7
00:00:32,230 --> 00:00:36,240

My name is Sarah Roth. I am a student at the University of Akron,

8
00:00:36,260 --> 00:00:40,270

and I am studying chemical engineering. This summer I'm working on designing

9
00:00:40,290 --> 00:00:44,320

an experiment to gather data on propellant slosh.

10
00:00:44,340 --> 00:00:48,360

Propellant slosh is, okay if you have a glass of wine, and you're walking with it,

11
00:00:48,380 --> 00:00:52,380

and the liquid is moving back and forth inside the wine glass, that's sloshing.

12
00:00:52,400 --> 00:00:56,390

So propellant slosh is the way it moves inside the tank.

13
00:00:56,410 --> 00:01:00,440

My typical day involves organizing this and organizing that,

14

00:01:00,460 --> 00:01:04,480

putting it all together into a document so that somebody can easily read and say,

15

00:01:04,500 --> 00:01:08,510

"Yes, this is an experiment we want to do." I took a really varied path

16

00:01:08,530 --> 00:01:12,540

to get to engineering. Like most kids in high school, I had no idea what I wanted to

17

00:01:12,560 --> 00:01:16,570

do. I ended up getting a full ride to study music. I was like "Oh this is cool." I taught

18

00:01:16,590 --> 00:01:20,610

music for a while. And then after, you know, struggling through the economy in

19

00:01:20,630 --> 00:01:24,670

2008, I joined the Navy. And they were like, "Hey,

20

00:01:24,690 --> 00:01:28,700

you're really smart. You should become a nuclear engineer." And I was like, "Okay!"

21

00:01:28,720 --> 00:01:32,730

And they sent me to school, and I learned some great stuff, and then

22

00:01:32,750 --> 00:01:36,770

after I got injured and discharged, I was like "Okay, no I really like this, I like

23

00:01:36,790 --> 00:01:40,790

engineering, I like the math. I like working on something that's meaningful."

24

00:01:40,810 --> 00:01:44,850

And,

25

00:01:44,870 --> 00:01:48,880

this place is pretty meaningful.

26

00:01:48,900 --> 00:01:52,890

[beep beep... beep beep... beep beep...]