

# What is your career?

I work as a software engineer in embedded systems.

Lindsay  
(UO alum, 2021)

I work for a company called Rosen Aviation.

"We make video screens that are used for in flight entertainment systems."

I started at Intel getting cryptographic algorithms working efficiently on the hardware they needed to target.

Then I joined a startup building a general purpose cryptographic accelerator.

I've been writing the assembly code and sometimes fixing hardware bugs.

Anne  
(UO alum, 2010)

Harrison  
(UO alum, 2003)

"The company was founded with offshore development offices in Russia."

"After the invasion of Ukraine, we moved about 100 Russian expat engineers to Tbilisi, Georgia and Yerevan, Armenia."

I am the chief technology officer of an offshore software consulting firm based in Brooklyn, NY.

"We started hiring locally, and are now probably 70% local Georgian and Armenian."

# What set you on that path?

Math was my favorite thing to do in school.

I wasn't sure I wanted to go into a pure math field.

But I thought that the combination of math and CS was pretty powerful.

I can do a lot of mathematical manipulations that would be less obvious to someone who didn't really love the math side of it.

For my first career, I was a high school Spanish teacher.

And then decided to become a software engineer.

Then I went to grad school, got a degree in linguistics, and worked with indigenous communities on indigenous language revitalization.

The communication skills learned are great. In my language revitalization work you have to talk about problems with other people.

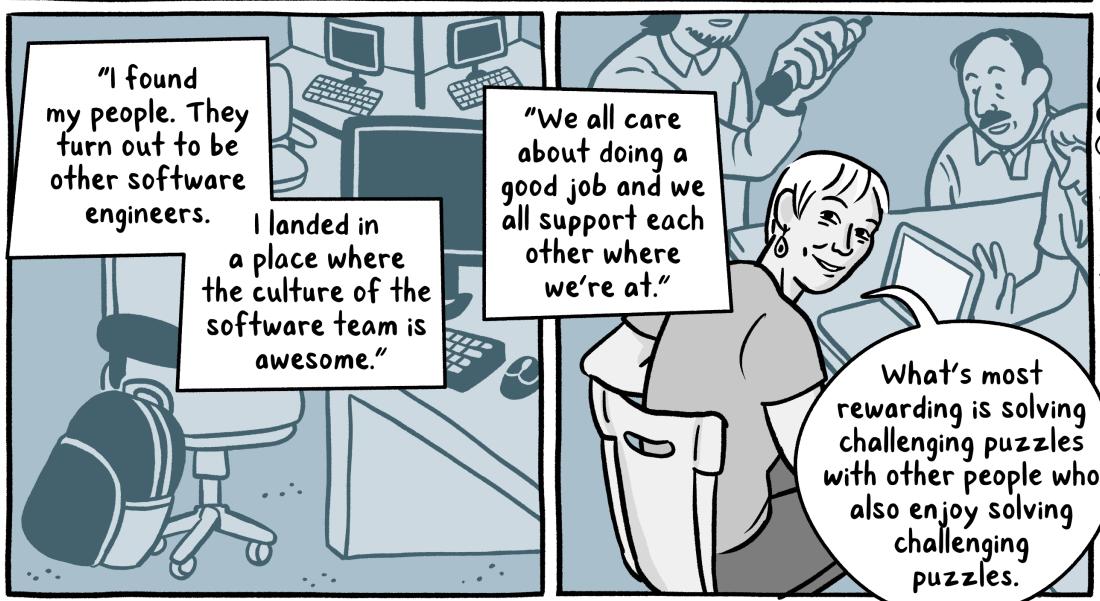
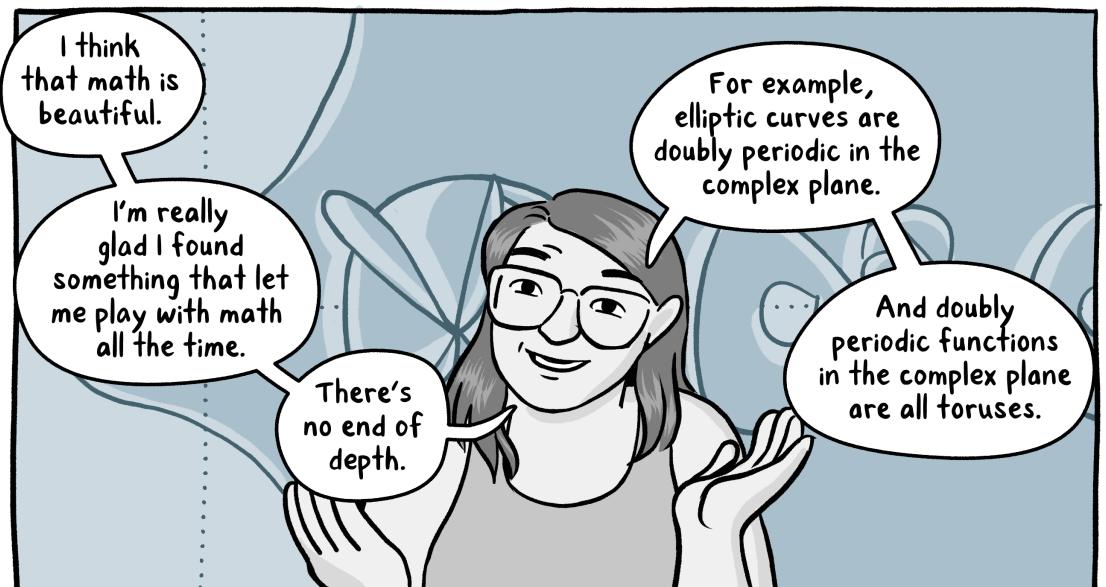
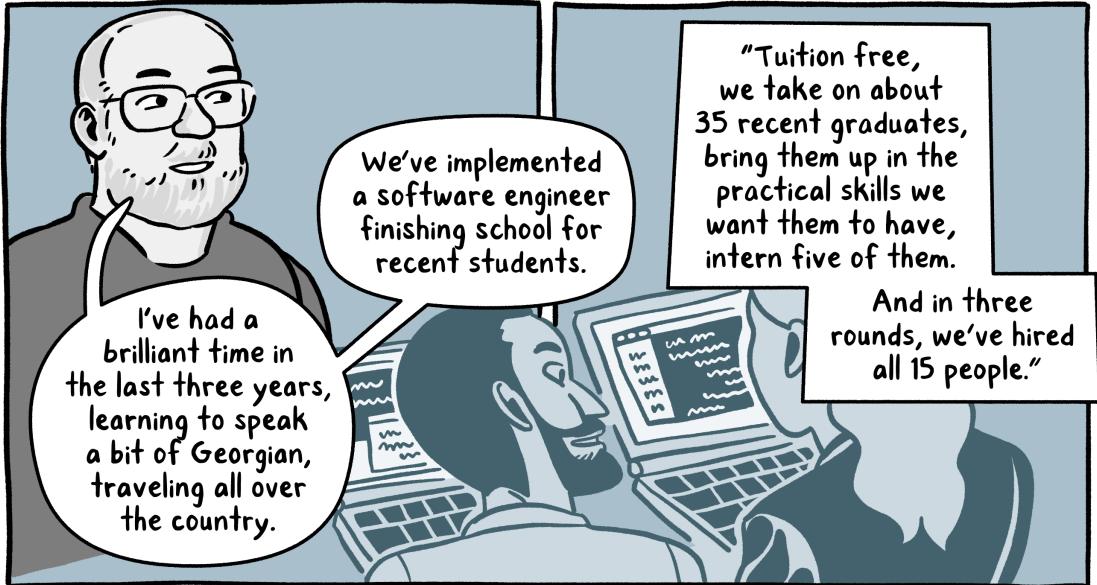
"I did not intend to get a degree in computer science.

I wanted to be a translator."

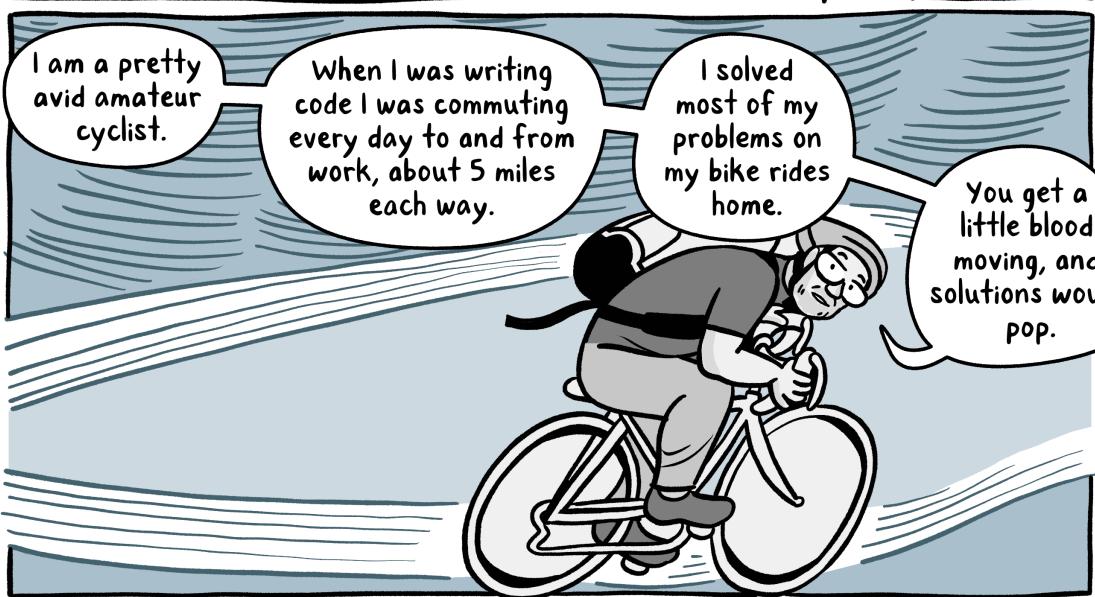
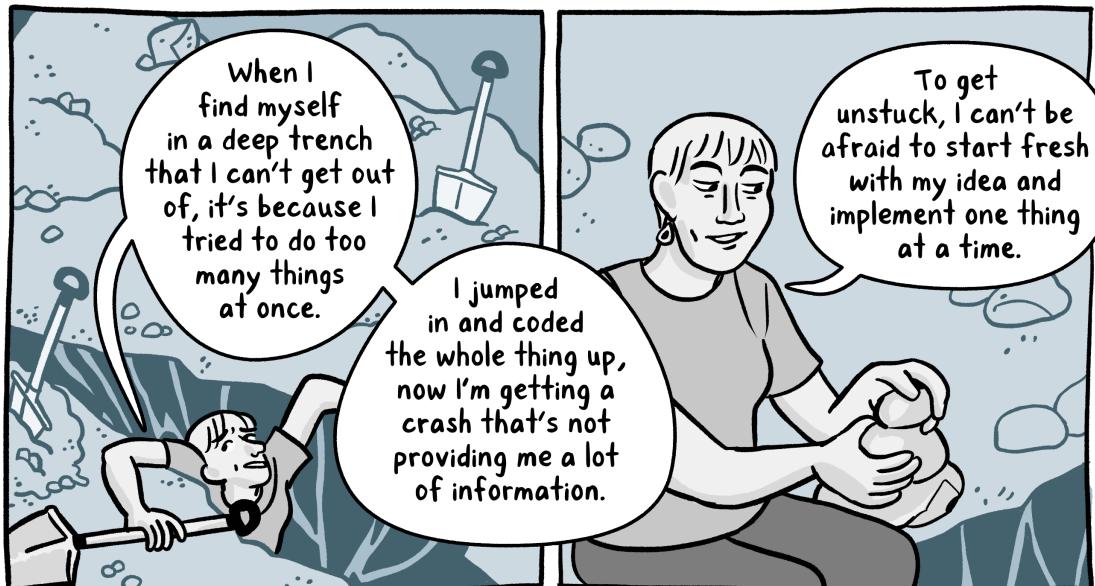
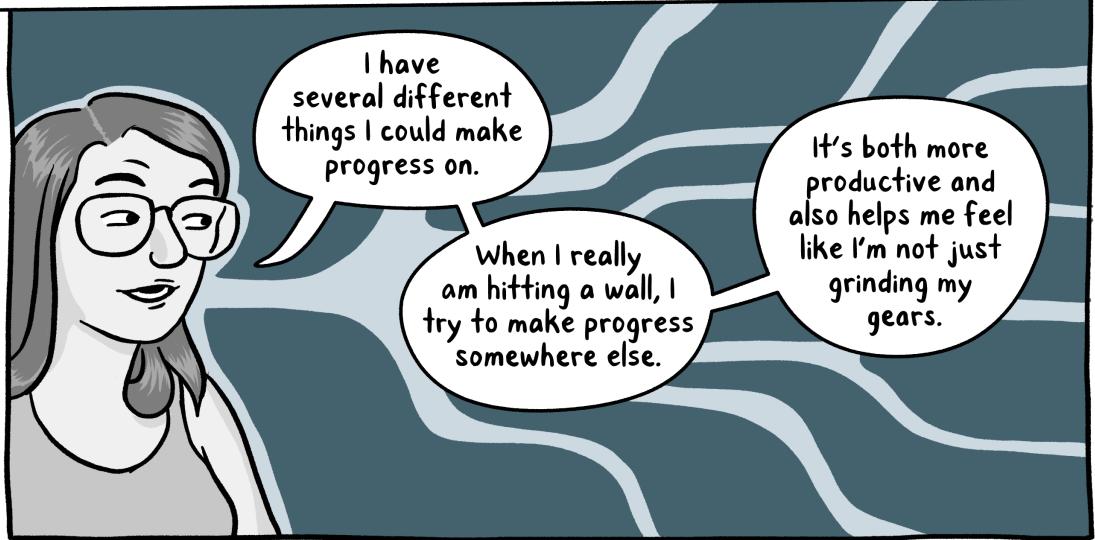
"In the first class where there were actual programming assignments, I was like,"

This makes my brain feel the same way that it feels when I'm having a really fluent conversation in a foreign language.

# What do you find rewarding in your work?



# What does getting stuck look like in your work? How do you get unstuck?



# What advice would you send back to yourself as a student starting off in computing?

Get a hobby that gets you outside, it doesn't need to be a sport.

The computer and the algorithms and the code can be so absorbing.

You need to be able to detach yourself from that with something that interests you.

Computer science is such an immensely applicable field.

Whether you're doing side projects or whether it's your career,

incorporating things that you love into your work makes a difference in how excited you are to get these projects done, how rewarding it is to complete them.

"I found my community through office hours.

I made myself go to office hours before I had questions, because I figured otherwise I would be too intimidated to go.

Some of the students who seemed super smart in class, I'd see them in office hours and be like,"

Oh, we all have to actually work at this.

"What kept me going in the program was seeing these other hard working, intelligent people who were working hard, and sticking it out."