Eleanor Olson

Student & Full Stack Developer

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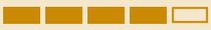
Skills

Javascript/TS
■■■■■□

Go
■■■■□

React
■■■■□

Svelte
■■■□□

Python
■■■□□

C++
■■□□

C
■■■□□

SQL
■■■■□

GraphQL
■■■■□

HTMX
■■■■□

Interests

Linguistics

Natural Language Processing

Music & Audio Technologies

Ergonomics & Interface Design

Eleanor Olson is a creative and passionate full stack software developer who takes initiative to solve problems and finds new approaches to looking at them, looking for work or internships as a full stack, frontend, or backend developer.

Experience

Comcast
Software Development/QA Intern — 7/2/21 - 8/15/21

Worked in the Machine Learning department of Search and Personalization, and designed accuracy testing software for our search models.

Integrated Eco Strategy
Software Developer — 5/15/23 - 8/11/23

🔗 https://materiallybetter.com

Refactored admin tooling from legacy systems, and designed new pages and systems to integrate and visualize new types of user data, while allowing them to compare it to the wider world.

Union Show Techs RPI
Sound Equipment Chair — 10/22 - 12/23

Set up sound systems for presentations, concerts, and shows across campus. Managed all sound equipment upkeep, purchases, and building, for the organization

Data Structures & Intro to Algorithms
Mentor — 01/2023 - Present

Work with students during lab blocks to learn the class material, and work with the rest of the mentors and TA's for the class to grade.

Education

Rensselaer Polytechnic Institute
Computer Science, Cognitive Science
3.86

8/23 - Present
Dual Bachelors

Projects

Skewax
2022-01-07 -

🔗 https://skewax.com

Developed a fully functional web-based IDE for schools across the country using legacy educational hardware. Integrated student data storage into schools' existing Google Cloud Suite, and built custom software to flash Parallax Inc's Basic Stamp 2 microprocessor. Ran a team of developers to refactor and rebuild the code in Fall of 2023.

CBug
2023-01-08 -

CBug is a memory debugging tool built around Docker that allows users to use industry standard tools that would not otherwise be compatible with their computers. Recommended for and used by students taking Data Structures at RPI.