Elizabeth Fortanely

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Work Experience

Career Break

📅 September 2022-Present

- Took a dedicated period for personal development and health reasons, including disability leave from a previous position
- Engaged in roles in food service, retail, and childcare during the break to maintain professional skills and adaptability

Snap Inc.

Software Engineer

📅 February 2021-August 2022   ⚲ Seattle, WA

My APIs
- Led front-end development on a web app empowering creators to request access to external API endpoints within Lens Studio
- Revamped and migrated prototype legacy code from JavaScript to **TypeScript/React**, introducing a custom table component, enabling searching, sorting, and filtering of API endpoints
- Designed initial UI mock-ups using **Figma**, subsequently collaborating with designer to ensure alignment with the Snap Design System

Spectacles Test Hub
- Built a Spectacles testing suite web app, boosting developer productivity by 25% through implementation of robust debugging tools
- Utilized **JavaScript/React** and **Python/FastApi** to build web app, including an "automatic triager" page, offering seamless interaction with files from build artifacts
- Designed UI mock-ups using **Figma** for multiple pages across the site

Build Artifacts Dashboards
- Led development of dashboards for Spectacles' build artifact insights, identifying redundant memory usage
- Enhanced internal API functionality using **Python**, while integrating **Python** and **Bash** scripts into the build pipeline to capture and upload build artifact metrics to **GCP BigQuery** and **Grafana** Cloud
- Constructed **Grafana** and **Looker** dashboards using **SQL** and **LookML**

Software Engineer Intern

📅 Summer 2020   ⚲ Seattle, WA (Remote)

- Designed and implemented a testing framework for Android CTS/VTS tests ran in Spectacles build pipeline
- Utilized **Go** to build a **gRPC** API and server with a **Google Cloud SQL** database, and **JavaScript/React** to create a web app displaying test results
- Leveraged **Docker** and **Kubernetes** for containerization, enabling deployment and execution of the back-end and front-end within Service Mesh

Microsoft

Explore Intern, Software Engineer Intern

📅 Summer 2018, Summer 2019   ⚲ Sunnyvale, CA & Redmond, WA

Many more work experiences and projects can be found on my portfolio.

Education

The University of Texas at Austin

M.S. Artificial Intelligence

📅 Expected Dec 2026

Relevant Coursework:
- Neural Networks
- Natural Language Processing

B.S.A. Computer Science

Minor: Studio Art   **GPA:** 3.5

📅 Dec 2020

Relevant Coursework:
- Data Mining
- Software Engineering
- Algorithms
- Data Structures
- Probability
- Linear Algebra

Skills

Languages

JavaScript/TypeScript

Python   HTML/CSS   Go

C++/C   Java   C#

Web Development

React   SQL   SQL Alchemy

Flask   FastAPI   REST

gRPC   Figma   Docker

Kubernetes   Bootstrap

Machine Learning

PyTorch   Scikit-Learn

Matplotlib   NumPy

Pandas   NLTK

Computer Skills

Linux   Bash   Git   GCP

Jupyter