Elizabeth (Electric) Fortanely

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Work Experience

Snap Inc.

Software Engineer

February 2021-August 2022 Seattle, WA

Developed web apps and metrics dashboards for Snap Labs.

Worked cross-functionally on a web app that allows users to add custom API endpoints to their lenses. Used React/JavaScript to create a searchable, filterable, and sortable table of APIs. Designed initial Figma mock-ups for all pages in project.

Worked in a team of 4 to create an internal web app for debugging Spectacles builds in order to reduce overall debugging time for developers. Used React/JavaScript and FastApi/Python to develop automatic triager for build artifacts. Designed Figma mock-ups for multiple pages across site.

Worked as a solo developer to build dashboards that offered insights about memory usage in Spectacles' build artifacts. Used Python/Bash to add script to build pipeline that uploaded memory usage information to GCP BigQuery and Grafana Cloud. Used SQL/LookML to build Grafana/Looker dashboards with tables and data visualizations.

Software Engineer Intern

Summer 2020 Seattle, WA (Remote)

Designed and implemented an internal testing framework for Snap Labs. Used Go and React/JavaScript to create a gRPC API, server, and web app.

Microsoft

Software Engineer Intern

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

Added browser settings and generated visualizations for Intune. Created specs for Intune telemetry settings for the Microsoft Edge browser. Used C# and TypeScript to support end-to-end integration of Intune telemetry settings into Edge browser. Created Power BI reports from logs to improve data analysis and reporting.

The University of Texas at Austin

Computational Materials Researcher

Summer 2017 Austin, TX

Developed and compared optimization algorithms for molecular structure of alternative energy catalysts. Used Python/NumPy to implement algorithms from research papers and created visualizations of hyperparameter tuning.

Education

B.S.A. Computer Science

Minor: Studio Art **GPA:** 3.5

The University of Texas at Austin

December 2020 Austin, TX

Relevant Coursework:

- Neural Networks
- Data Mining
- Natural Language Processing
- Software Engineering
- Algorithms
- Data Structures
- Probability
- Linear Algebra

Skills

Languages

Python | Go | JavaScript/TypeScript | HTML/CSS | Java | C++ | C# | C

Machine Learning

PyTorch | Scikit-Learn | Matplotlib | NumPy | Pandas | NLTK

Web Development

React | SQL | SQL Alchemy | Flask | FastAPI | REST | gRPC | Figma | Docker | Kubernetes | Bootstrap

Computer Skills

Linux | Bash | Git | GCP | Jupyter