Elizabeth Fortanely

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SKILLS

Programming Languages: Python, JavaScript/TypeScript, Go, C++, Java
Web Development: React, GCP, REST, gRPC, Postman, Mocha, Selenium, HTML/CSS, Figma
Data Analytics: SQL, PyTorch, Grafana, Looker, Pandas, NumPy, Scikit-Learn, Matplotlib, Jupyter
CI/CD: Docker, Kubernetes

EXPERIENCE

Snap Inc.   Feb 2021 – Aug 2022
Software Engineer   Seattle, WA

- Led front-end development for 'My Lenses APIs Portal' React web app by migrating legacy JavaScript to TypeScript and implementing new components
- Engineered a testing suite React web app from scratch, implementing debugging tools with JavaScript and Python/FastApi back-end routes
- Created UI mock-ups for pages using Figma and directed their successful implementation, resulting in improved platform functionality and visual appeal
- Built BI dashboards in Grafana and Looker using SQL and automated data uploads in the build pipeline with Python and Bash, enabling real-time monitoring of build artifacts
- Enhanced internal Python API integrations with GCP BigQuery by adding functionality and resolving critical bugs

Software Engineer Intern   May 2020 – Aug 2020

- Developed a high-performance Android CTS/VTS testing framework with a gRPC API, Go server, Google Cloud SQL database, and a React web app using JavaScript
- Containerized and deployed back-end and front-end microservices using Docker and Kubernetes

Microsoft   May 2019 – July 2019, May 2018 – Aug 2018
Software Engineer Intern   Redmond, WA & Sunnyvale, CA

- Developed and tested an Edge telemetry reporting setting using C# and TypeScript
- Created Power BI reports from Excel-based Intune log data, improving data analysis and reporting
- Wrote a technical spec and guided the creation of Edge feature

The University of Texas at Austin   June 2017 – July 2017
Student Researcher   Austin, TX

- Implemented popular optimization algorithms using Python and NumPy on molecular geometry structures and created visualizations of potential energy surfaces with Matplotlib

PROJECTS

Pets 4 Me   May 2020

- Developed a React web app showcasing animal shelters, pet listings, and breed details
- Engineered and tested a high-performance API using Python, Flask, and SQLAlchemy
- Designed UI mock-ups using Marvel App, contributed front-end features with TypeScript, and conducted rigorous testing with Mocha and Selenium

EDUCATION

The University of Texas at Austin   Expected May 2027
M.S. Artificial Intelligence   GPA: 4.0

The University of Texas at Austin   Dec 2020
B.S.A. Computer Science, Minor in Studio Art   GPA: 3.5