

Daniel Jiang

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Skills

Languages: Go, C++, C, Java, JavaScript/TypeScript, HTML, CSS, Python, R, Erlang
Frameworks/Tools: Docker, React, Spring Boot, Angular, Kubernetes, OpenAPI, Git, RMarkdown, Tensorflow, PyTorch, Terraform, Selenium

Experience

Software Engineer **June 2023 - Present**

Software Engineering Intern **May 2022 - December 2022**

Yugabyte (*Sunnyvale, California, United States, Remote*)

- Developed yugabyted UI (React frontend, Go backend), which is the UI for open source user deployments of YugabyteDB using yugabyted, and helped bring it to GA and helped bring it to GA
- Documented yugabyted UI with OpenAPI specs and used openapi-generator to generate boilerplate code for both frontend and backend
- Integrated yugabyted UI with YugabyteDB Helm chart for Kubernetes and with YugabyteDB Kubernetes operator
- Worked on porting various Python scripts to Go

Full Stack Developer **September 2021 – December 2021**

NextRoll (*San Francisco, California, United States, Remote*)

- Implemented REST APIs for a Dockerized Go service + PostgreSQL database backend
- Created and documented a new development workflow for Google Tag Manager (GTM) template development, and wrote web, client, and server GTM tag templates
- Performed AWS RDS PostgreSQL database migrations with AWS DMS and Terraform
- Upgraded React dependencies and Docker images to maintain various projects
- Investigated errors logged by an Erlang web server to look for potential bugs

Software Developer **January 2021 – April 2021**

Fundserv Inc. (*Toronto, Ontario, Canada, Remote*)

- Analyzed existing full-stack software services (Spring Boot microservice backend, Angular frontend), then identified and implemented improvements to remove dependencies between the backend microservices and the frontend
- Fixed bugs and wrote unit tests and integration tests for Spring Boot microservices

Web/Mobile Applications Test Associate **May 2019 – August 2019**

FLIR Systems (*Waterloo, Ontario, Canada*)

- Designed and implemented automated tests with Cucumber, Java, and Selenium
- Introduced virtualization facilitate testing in Windows and Linux environments
- Performed manual testing, issue reporting and bug-fix verification

Education

Bachelor of Mathematics | *University of Waterloo* **2023**

Major in Computer Science, Major in Combinatorics and Optimization, Minor in Statistics