

Eric Liang

✉ err.liang@gmail.com | [in eric-liang1](https://www.linkedin.com/in/eric-liang1) | [globe ericliang.me](https://ericliang.me) | [github errleng](https://github.com/errleng) | ☎ +1 416-629-2408

Skills

Programming Languages: Python, Golang, Java, C#, C++, JavaScript

Tools: Linux, Docker, Kubernetes, PostgreSQL, MongoDB, Node, React, Angular, Express, Spring

Experience

Robinhood

May 2024 – Aug 2024

Software Engineer Intern

Menlo Park, CA

- Enhanced the development and testing platform used by 500+ Robinhood engineers daily
- Designed and implemented a scheduling and scaling system for allocating development environments to optimize resource usage and save \$500K+ annually, using Go and Kubernetes
- Enabled seamless global collaboration of teams by introducing multi-region and multi-time zone support for development environments

Amazon Web Services (AWS)

Jan 2024 – Apr 2024

Software Development Engineer Intern

Seattle, WA

- Developed Java service to fully automate the critical patching and upgrading of 300,000 DynamoDB storage hosts, allowing DynamoDB to meet standards for usage by the US federal government
- Saved hours of hectic discussion monthly between director and teams by improving reporting of patching status and incidents, seeking out and incorporating feedback from stakeholders
- Enabled quick incident response and identified significant improvements for the patching process by introducing the first monitoring, alerting, and metrics

BitGo

May 2023 – Aug 2023

Software Engineer Intern

Palo Alto, CA

- Designed and implemented a new testing flow that runs tests 3x faster and streamlines test creation, significantly improving developer productivity
- Reduced CI/CD pipeline test execution time by 80% and flaky test failure rate by 85%

SPS Commerce

Sep 2022 – Dec 2022

Associate Software Developer

Toronto, ON

- Built APIs using Java, Spring, and Snowflake to search through millions of documents, powering other SPS teams and services with granular information
- Saved hours of manual work per week by building a feature to retry failed database queries

Enzuzo

Jan 2022 – Apr 2022

Full Stack Developer

Waterloo, ON

- Designed and implemented a microservice for syncing all data from PostgreSQL to data warehouse, powering analytics services and dashboards used by CEO and marketing team
- Optimized React app build and deployment, reducing app size and load times by 30%

SS&C Technologies

May 2021 – Sep 2021

Full Stack Developer

Toronto, ON

- Developed the modern UI for SS&C AWD using TypeScript, Angular, NgRx, and Sass
-

Education

University of Waterloo

Sep 2020 – Jun 2025

Bachelor of Computer Science, Honours, Co-op

- GPA: 89%, Dean's Honours, President's Scholarship of Distinction
- Coursework: Data Structures, Algorithms, Operating Systems, Networking, Database Systems, Distributed Systems, Data-Intensive Computing