

Aaron Lee

lee.aaron.68@gmail.com • (626) 348-9156 • San Diego, CA

RELEVANT EXPERIENCE

DigitalOcean

Sep. 2022 – Present

Spaces S3 Software Engineer

San Diego, CA

- Integrated with other services (Temporal, Sentry, Prometheus, CockroachDB) to improve product reliability and performance
- Implemented a Rust cli and webapp to interface with Golang grpc servers
- Reduced latency in the distributed rate limiting service by 75% in p99.9
- Decreased downtime when upgrading load balancers by integrating Katran

Containers Engineer Intern

Summer 2021

- Refined Grafana / Elasticsearch dashboards for monitoring
- Upgraded the internal admin dashboard for the Container Registry product
- Utilized Docker, Kubernetes, and gRPCs to add more services and information to the dashboard about a user's registry

Google

Summer 2020

Software Engineer Intern

Mountain View, CA

- Worked on The Everyday Robot Project, under X, the Moonshot Factory
- Developed a React Web App to run on the Oculus VR Headset
- Utilized three.js to render 3D objects in a VR scene
- Designed the app as a prototype for future releases

ServiceNow

Fall 2019 – Spring 2020

Assoc Software QA Engineer

San Diego, CA

- Helped run and automate JMeter tests to assert product performance
- Continued monitoring and deploying the summer internship project

Quality Engineer Intern

Summer 2019

- Developed automated performance tool on ServiceNow platform
- Improved workflow for over 100 engineers
- Utilized Node.js, JavaScript, and JMeter/Blazemeter

MemVerge

Summer 2018

Software Engineer Intern

Milpitas, CA

- Wrote a performance test in Java measuring efficiency of software solution on servers
- Explained to clients such as LinkedIn and Intel the improved speeds and costs with product solution

OTHER TECHNICAL PROJECTS

Shuudann

Spring 2023

- Automated Discord Server Management powered by Rust and Stripe

Distributed Systems Coursework Project

Spring 2022

- Developed a simplified version of Twitter, powered by Rust
- Performed blockchain analysis on Solana and Avalanche to understand various advantages and limitations

SKILLS

React, Golang, Rust, Java, JavaScript, Node.js, Python, C++, Three.js, MySQL, CockroachDB, Temporal, Grafana, Docker, Kubernetes, gRPC, Elasticsearch, Chef, Oculus Quest

EDUCATION

UC San Diego, M.S. Computer Systems & B.S. Computer Science

San Diego, CA