AARON STEINBERG

aaron@aa.codes | https://aa.codes | https://github.com/azsteinb

EDUCATION

University of California, Santa Cruz
Baskin School of Engineering
Bachelor of Science, Computer Science

WORK EXPERIENCE

Security Software Engineer @ *Aurora Innovation*	**Mar. 2024 - Present**
Contracting Security Software Engineer @ *Aurora Innovation*	**Sep. 2023 - Mar. 2024**
Consulting Software Engineer @ *OrganizeMyPeople*	**Apr. 2023 - Sep. 2023**
Consulting Software Engineer @ *Trade Oracle*	**Apr. 2023 - Jun. 2023**
Google Workspace Subject Matter Expert @ *UCSC ITS*	**Dec. 2021 - Jul. 2023**
Computer Systems and C Programming Grader @ *UCSC*	**Mar. 2021 - Jun. 2021**
Help Desk Technician @ *UCSC ITS*	**Dec. 2020 - Dec. 2021**
Bioinformatics Software Engineer Intern @ *Progenabiome*	**Jun. 2019 - Sept. 2019**

PROJECTS AND PAPERS

Bflock: A C library for safer & faster file locking for concurrent IO operations.

Locally Imagined: An online art market place specialized to Santa Cruz, CA.
Tech used: Golang, GOA, React, Heroku, Amazon S3, & Postgresql.

MediBill: Medical Bill Analyzer, CruzHacks 2022 First Place Winner.
Tech used: Javascript, Python, Vue.js, Google Cloud Functions.

A Brief Survey of Data Placement in a Geo-Distributed Storage System using ML: Graduate distributed systems survey paper that explores ML-based data placement

Reverse Proxy Load Balancer: Multithreaded, logging, and cache enabled. Written in C. Uses Bflock

SKILLS

Programming Languages: C, C++, Rust, C#, Golang, Haskell, Java, Javascript, Python, PHP, SQL
Technologies, Libraries, Frameworks: Node.js, Express.js, React, Laravel, Blade, Jest, jQuery, .Net, GOA, POSIX, Linux, Unix, Postgresql, MySQL, MS SQL Server, Pandas, OpenAPI, GraphQL, Heroku, AWS, Google Cloud, Git, WordPress, LaTeX, Protocol Buffers, Buildkite, Kubernetes, Docker, Bazel, Chronosphere, SSL/TLS, HTTP, Terraform, Bonsai, Spacelift, ArgoCD
More Skills: Object Oriented, Procedural, and Functional Programming; Cryptography, SCRUM, Agile Software Development, Leadership, Public Speaking, Software Testing, Technical Writing, Documentation