

AARON STEINBERG

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EDUCATION

University of California, Santa Cruz

Sept. 2019 - Jun. 2023

Baskin School of Engineering

Bachelor of Science, Computer Science

WORK EXPERIENCE

Software Engineer Consultant @ *OrganizeMyPeople*

Apr. 2023 - Present

Lead full stack web development & CRM development for several clients

Tech used: Laravel, PHP, Javascript, HTML5, MySql and MS SQL Server.

Software Engineer Consultant @ *Trade Oracle*

Apr. 2023 - Jun. 2023

API development, Wordpress Development, and incorporation of OpenAI technology into several products.

Tech used: Node.js/Express, Swagger, OpenAPI, OpenAI, Wordpress, and PHP.

Google Workspace Subject Matter Expert @ *UCSC ITS*

Dec. 2021 - Jul. 2023

Internal Google Workspace tool development, technical support, and technical documentation writing.

Tech used: Google APIs, LaTeX, Node/Express.js, and ServiceNow.

Computer Systems and C Programming Grader @ *UCSC*

Mar. 2021 - Jun. 2021

Graded student system programming projects and helped develop testing/grading suites

Tech used: Bash, C, and Canvas API.

Help Desk Technician @ *UCSC ITS*

Dec. 2020 - Dec. 2021

Technical support for University products.

Tech used: ServiceNow

Bioinformatics Software Engineer Intern @ *Progenabiome*

Jun. 2019 - Sept. 2019

Internal tool development for management and analysis of patient DNA sequences.

Tech used: Kraken, Pandas, Python, and Google Colab.

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, OpenAPI, GraphQL, Heroku, Amazon S3, Google Cloud, Git, WordPress, LaTeX

More Skills: Object Oriented, Procedural, and Functional Programming; SCRUM, Agile Software Development, Leadership, Public Speaking, Software Testing, Technical Writing, Documentation