

# AARON STEINBERG

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## EDUCATION

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**University of California, Santa Cruz**

*Sept. 2019 - Jun. 2023*

Baskin School of Engineering

Bachelor of Science, Computer Science

Graduating Jun. 2023

## WORK EXPERIENCE

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**Software Engineer Consultant @ OrganizeMyPeople**

*Apr. 2023 - Present*

Full stack development of customer relationship management software.

Tech used: Javascript, HTML, PHP, MySQL and MS SQL Server.

**Software Engineer Consultant @ Trade Oracle**

*Apr. 2023 - Present*

RESTful API, Wordpress Development, and incorporating OpenAI technology into several products.

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

**Google Workspace Subject Matter Expert @ UCSC ITS**

*Dec. 2021 - Present*

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

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

**Bioinformatics Software Engineer Intern @ Progenabiome**

*Jun. 2019 - Sept. 2019 and July 2022*

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

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

**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

## PROJECTS AND PAPERS

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**Bflock:** A C library for safer & faster file locking for concurrent IO operations. [View Project](#)

**Locally Imagined:** An online art market place specialized to Santa Cruz, CA.

Tech used: GO/GOA, React, Heroku, Amazon S3, & Postgresql. [View Project](#)

**MediBill:** Medical Bill Analyzer, CruzHacks 2022 First Place Winner.

Tech used: Javascript, Python, Vue.js, Google Cloud Functions. [View Project](#)

**A Brief Survey of Data Placement in a Geo-Distributed Storage System using ML:** [View Paper](#)

**Reverse Proxy Load Balancer:** Multithreaded, logging, and cache enabled. Written in C. Code/binaries available upon request, please email me.

**More Projects:** View my github: [github.com/azsteinb](https://github.com/azsteinb)

## SKILLS

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**Programming Languages:** C, C++, C#, GO, Haskell, Java, Javascript, Python, PHP, SQL

**Technologies, Libraries, Frameworks:** Node.js, Express, React, Jest, jQuery, .NET, GOA, Postgresql, MySQL, Microsoft SQL Server, OpenAPI, GraphQL, Heroku, Amazon S3, Google Cloud, Unix/Linux, Git, WordPress, Azure Data Studio, phpMyAdmin

**More Skills:** SCRUM, Agile Software Development, Leadership, Public Speaking, Software Testing, Technical Writing, Documentation, Creative Writing, Teaching, Chess