

# AARON STEINBERG

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## EDUCATION

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**University of California, Santa Cruz**  
Bachelor of Computer Science

*Sept. 2019 - Jun. 2023*  
Graduating Jun. 2023

## WORK EXPERIENCE

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**Software Engineer Consultant @ OrganizeMyPeople** *Apr. 2023 - Present*  
Custom CRM development; full-stack web development using PHP, HTML, and Javascript; and database design with MySql and Microsoft SQL Server

**Software Engineer Consultant @ Something Inc.** *Apr. 2023 - Present*  
Web Scraping and NLP API Development with Node.js/Express and Wordpress Plugin Development using PHP.

**Google Workspace Subject Matter Expert @ UCSC ITS** *Dec. 2021 - Present*  
Internal tool development, API Development with Node.js/Express based on Google APIs, Technical Writing, and Support

**Bioinformatics Software Engineer Intern @ Progenabiome** *Jul. 2022*  
Pipeline development and lab output parsing and analysis using Python and Pandas

**Computer Systems and C Programming Grader @ UCSC** *Mar. 2021 - Jun. 2021*  
Graded projects and papers of 250 students. Helped create automatic grading scripts that tested student code and interacted with the Canvas API to upload grades

**Help Desk Technician @ UCSC ITS** *Dec. 2020 - Dec. 2021*  
Offered technical support for University products to staff, students, and applicants

**Bioinformatics Software Engineer Intern @ Progenabiome** *Jun. 2019 - Sept. 2019*  
Research and development of studies about gut flora. Lab equipment output parsing using Python and Pandas

## PROJECTS AND PAPERS

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**AI Journalism:** An API that writes real news articles about any subject.  
Tech used: Node.js/Express for the API, PHP for Wordpress extension/plugin. [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:** More projects are available to see on my GitHub: [View my GitHub](#).

## SKILLS

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

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

**Other Skills:** SCRUM, Teamwork, Leadership, Public Speaking, Software Testing, Technical Writing, Documentation, Creative Writing, Teaching, Mountain Biking