AARON STEINBERG

https://aa.codes

116 Van Ness Ave, Santa Cruz, California 95060

+1 (818) 800-2989 | aaron@aa.codes | azsteinb@ucsc.edu

EDUCATION

University of California, Santa Cruz *Sept. 2019 - Jun. 2023*
Bachelor of Computer Science *Graduating Jun. 2023*

WORK EXPERIENCE

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

Google Apps Subject Matter Expert @ UCSC ITS *Dec. 2021 - Present*
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*
Researching and development of stool microbiome and gut flora studies. Lab equipment output parsing using Python and Pandas.

PROJECTS AND PAPERS

AI Journalism: An API that writes real news articles about any subject. View Project
Locally Imagined: An online art market place specialized to Santa Cruz, CA. View Project
MediBill: Medical Bill Analyzer, CruzHacks 2022 First Place Winner. View Project
A Brief Survey of Data Placement in a Geo-Distributed Storage System using ML: View Paper
Reverse Proxy Load Balancer: Written entirely in C. Available upon request, please send me an email.
More Projects: More projects are available to see on my GitHub: View my GitHub.

SKILLS

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

Technologies, Libraries, Frameworks: Node.js, Express, React, jQuery, GOA, Postgresql, OpenAPI, GraphQL, Heroku, Amazon S3, Google Cloud, Unix/Linux, Git, WordPress

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

RELEVANT COURSE WORK

Computer Science and Mathematics: Cryptography, Analysis of Algorithms, Computational Models, Distributed Systems, Full Stack Web Development, Software Engineering, Natural Language Processing, Applied Machine Learning, Functional Programming, Principals of Computer System Design, Computer Architecture, Data Structures & Algorithms, Computer Systems & C Programming, Computer Systems & Assembly Language, Programming Abstractions, Networking, Historical Mathematics, Probability and Statistics, Applied Discrete Mathematics, Linear Algebra, Vector Calculus