ANN SASI

(510) 925-9988 • annmsasi@gmail.com • linkedin.com/in/ann-sasi/ • github.com/annmsasi

EDUCATION

B.S. Computer Science, Statistics minor   Graduating June 2026
University of California, Santa Cruz   3.86 GPA
Dean's Honors: Fall 2022, Winter 2023, Spring 2023,
Relevant coursework: CSE 30: Prog. Abs. Python, CSE 16: Applied Discrete Math, CSE 13S: Comp. Systems and C Programming, CSE 101: Data Structures and Algorthims, CSE 120: Computer Architecture, Math 23A: Vector Calc., AM10: Applied Math, STAT 131: Prob. Theory, CSE 102: Algorithm Analysis

TECHNICAL SKILLS

Programming Languages: C++, C , Python, Haskell, RISC-V, Matlab, HTML/CSS, JavaScript, TypeScript, Bash
Tools: Figma,NodeJS, Angular, Firebase, RxJS, Git, NumPy, Pandas, Matplotlib, Tkinter, OpenCV, SciPy, TensorFlow, PyGame, Figma, Excel, WordPress
Soft Skills: Agile/Scrum Methodology, Leadership, Conflict Management, Feedback Analysis

EXPERIENCE

Baskin School of Engineering, UC Santa Cruz, : Undergraduate Instructor | CMPM17: Intro to Web Development
Fall 2024

- Selected as one of the few undergraduate instructors across all UC campuses, a role typically reserved for graduate-level educators.
- Lecturing and instructing labs covering front-end web development, covering HTML/CSS, JavaScript, TypeScript, and advanced frameworks like Angular to ready students for development in research settings
- Created an accelerated 10-week curriculum focused on front-end technologies, integrating best practices in responsive design, state management, and component-based architecture
- Provide individualized assistance and lessons during my weekly instructor office hours

Tech 4 Good Lab, Santa Cruz, CA: Web Development Team Lead   Sept. 2023 – March 2024

- Lead a team of 10 web dev research interns to create two experimental learning platforms under Professor David Lee, employing SCRUM methodologies for project management
- Developing, deploying, and overseeing the production of fully functional and interactive web components from Figma designs, utilizing Angular
- Containerizing web pages utilizing Angular and RxJS as well as retrieving and storing web page data in Firebase
- Documenting user feedback to relay to lab executives while altering the platform's development road map to comply with user, executive, and stakeholder desires

Rising Youth Association, CA: Chapter Director   June 2019 – June 2022

- Oversaw the non-profit's Bay Area chapter and streamlined leadership roles within the organization to produce more efficient results in providing the community's youth with academic and social support
- Managed and monitored partnerships with external organizations including elementary schools, social service organizations, and other non-profits through extensive documentation on each program's setup, finances, and leadership
- Recognized a gap in low-income youth's education during the COVID-19 pandemic and developed and executed a partnership with a local title one elementary school
- Designed and executed a completely virtual education platform to connect over 100 students to tutors

ACADEMIC PROJECTS & CONTRIBUTIONS

CLEAN
A tool designed to streamline the process of purchasing clean self-care items. This is a published chrome extension designed to identify possible carcinogenic ingredients in personal items developed using JavaScript and HTML
Explore Careers
Experimental platform developed as part of Tech4Good Lab at UCSC. Developed multiple components while overseeing the overall creation of the platform as a lead.