

Sama Ahmed

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EDUCATION

California State University, Fullerton

Bachelor of Science, Computer Science | GPA: 3.63

Fullerton, CA

Anticipated Graduation: May 2026

EXPERIENCE

Supplemental Instructor

Aug. 2024 – Present

California State University, Fullerton

Fullerton, CA

- Lead two sessions weekly to reinforce key concepts in Calculus I for students, resulting in improved student understanding and a **10%** average grade increase
- Organize interactive learning activities, including group discussions, to create an engaging and supportive environment for mastering calculus concepts

IT Academic Technology Center Student Assistant

Aug. 2023 – Present

California State University, Fullerton

Fullerton, CA

- Provide tech support to faculty and staff, resolving hardware and software issues, setting up workstations, and guiding users through troubleshooting
- Resolve **200+** support tickets using ServiceNow, improving efficiency and user satisfaction

PROJECTS

ACM CSUF Website | SvelteKit, TypeScript

- Led the development of acmcsuf.com, the largest open-source project for the ACM chapter at CSUF, serving **2,400+** members, by implementing features, fixing bugs, and reviewing pull requests to enhance usability and functionality
- Contributed to the website with **60+** contributors, and redesigned the front-end of acmcsuf.com/quiz using Svelte, resulting in a **20%** increase in participation

PlaylistExporter | SvelteKit, TailwindCSS, Python, Flask, Spotify API, YouTube API

- Collaborated with a team of 3 to build a website that converts Spotify playlists to YouTube playlists, using OAuth for user authentication and creating private playlists with matching videos
- Used Flask to connect the Python server with the SvelteKit and TailwindCSS interface, ensuring seamless data processing and user interaction

LEADERSHIP & EXTRACURRICULARS

FullyBeyond | Web Development Team Lead

May 2024 – Nov. 2024

- Led a team of 5 to develop the website for CSUF's first student-led 24-hour virtual designathon (fullybeyond.acmcsuf.com) using SvelteKit and TailwindCSS
- Collaborated with 11 organizers, attracting **100+** applicants and inspiring participants to explore and grow their design skills

FullyHacks | Co-Director, Design Officer

Sept. 2023 – Present

- Co-design the user interface for CSUF's annual hackathon, FullyHacks 2024, with a 6-person team using Figma, achieving a user-friendly interface across mobile and desktop platforms which attracted **400+** applicants and secured **10** sponsors
- Co-direct FullyHacks 2025 with 3 directors, overseeing **50+** organizers by leading biweekly meetings to track team progress and assigning tasks for teams like web development, design, and marketing to ensure a successful event

Association for Computing Machinery | Webmaster, Design Officer

Nov. 2022 – Present

- Led weekly workshops with a team of 7, teaching SvelteKit and design documentation to help students build skills for contributing to open-source projects
- Cultivated a learning environment through design and front-end development workshops, teaching CSS, creative coding, and hosting a portfolio competition that received **25+** submissions

TECHNICAL SKILLS

Languages: Python, JavaScript, C, C++, HTML, CSS, SQL

Frameworks/Tools: Flask, Svelte/SvelteKit, React, Bootstrap, TailwindCSS, Git, Linux