

Sama Ahmed

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EDUCATION

California State University, Fullerton

Fullerton, CA

Bachelor of Science, Computer Science | GPA: 3.63

Anticipated Graduation: May 2026

EXPERIENCE

Open Source Software Co-Team Lead & Webmaster

Aug. 2024 – May 2025

Association for Computing Machinery at CSUF

Fullerton, CA

- Led and organized weekly workshops for **30+** students, teaching SvelteKit, open-source contribution workflows, and design documentation best practices, while coordinating with a team of 10
- Mentored students in Git/GitHub collaboration, issue tracking, and pull request workflows, providing hands-on experience in contributing to open-source projects

Supplemental Instructor

Aug. 2024 – May 2025

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

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*

May. 2024 – 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

TECHNICAL SKILLS

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

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