

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

TECHNICAL SKILLS

Languages: Python, Javascript, Swift, C, C++, HTML, CSS, SQL

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

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
- Work alongside a **team of 6** student assistants to solve technical problems, improving collective problem-solving skills and ensuring timely resolution of issues

PROJECTS

ConcertTracker | Sveltekit, Javascript, Ticket Master API

May 2024 – Present

- Develop a website to collect and display all concerts in a user's selected city using TicketMaster's API, streamlining event discovery and eliminating the need for multiple searches across different platforms
- Implement a login system for users to track attended concerts and manage their concert lists on a dashboard

SkySong | Python, Flask, HTML, CSS, Spotify API, Open Weather Map API

Dec. 2023 – May 2024

- Created a temperature-based music recommendation system that enhances user experience by offering curated music selections aligned with current weather conditions, fostering user engagement and enjoyment.
- Utilized **Python** and **Flask** to fetch real-time weather data from OpenWeatherMap's API and integrated Spotify's API to provide daily updated music recommendations

EXTRACURRICULARS

FullyBeyond | Web Dev Team Lead

May 2024 – Present

- Lead a **team of 5** to develop the website for CSUF's first student-led 24-hour designathon (fullybeyond.acmcsuf.com) using Sveltekit and TailwindCSS
- Collaborate with **11 organizers** to plan event details and logistics for the upcoming event in November

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 alongside three directors, overseeing team tasks and responsibilities to ensure a successful event

Association for Computing Machinery | Webmaster, Design Officer

Nov. 2022 – Present

- Contributed to the development of the club's website (acmcsuf.com) with **60+** contributors and redesigned the front-end of acmcsuf.com/quiz using Svelte
- Collaborated with a **team of 7** to lead weekly workshops on open-source software, teaching students hands-on coding and how to contribute to real-world projects, resulting in improved student engagement and technical proficiency
- Cultivated a learning environment through design and front end developing workshops, encouraging creativity, innovation, and collaborative design practices