

# 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

### 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

### ConcertTracker | SvelteKit, JavaScript, Ticketmaster API

- Developed 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
- Implemented a login system for users to track attended concerts and manage their concert lists on a dashboard

### SkySong | Python, Flask, HTML, CSS, Spotify API, OpenWeatherMap API

- 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

## 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 designation ([fullybeyond.acmcsuf.com](https://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

- Contributed to the development of the club's website ([acmcsuf.com](https://acmcsuf.com)) with **60+** contributors and redesigned the front-end of [acmcsuf.com/quiz](https://acmcsuf.com/quiz) using Svelte
- 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, Swift, C, C++, HTML, CSS, SQL

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