Sama Ahmed

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EDUCATION

California State University, Fullerton — Fullerton, CA
Bachelor of Science, Computer Science | GPA: 3.63 — *May 2026*

TECHNICAL SKILLS

Languages: Python, Javascript, Swift, C, C++, HTML, CSS
Frameworks: Flask, Svelte, SvelteKit, Bootstrap, TailwindCSS
Developer Tools: Visual Studio, VS Code, PyCharm, Git

EXPERIENCE

IT Academic Technology Center Student Assistant — August 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 six student assistants to solve technical problems, improving collective problem-solving skills and ensuring timely resolution of issues

Mathematics Supplemental Instructor — August 2024 – Present
California State University, Fullerton — *Fullerton, CA*
- Lead two sessions weekly to reinforce key concepts in Calculus I, resulting in improved student understanding and grade performance
- Organize interactive learning activities, including group discussions, to create an engaging and supportive environment for mastering calculus concepts

PROJECTS

SkySong | *Python, Flask, HTML, CSS, Spotify API, Open Weather Map API* — December 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 the Open Weather Map's API, enabling dynamic display on the website
- Integrated Spotify's API to retrieve tracks from a daily updated playlist, ensuring fresh music recommendations

ConcertTracker | *Sveltekit, Javascript, Ticket Master API* — May 2024 – Present
- Develop a website using Sveltekit, JavaScript and Ticketmaster's API to collect and display all concerts in a user's selected city, 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 securely on a dashboard

EXTRACURRICULARS

Association for Computing Machinery | *Webmaster, Design Officer* — November 2022 – Present
- Contributed to the development of the club's website (acmcsuf.com) and redesigned the front-end of acmcsuf.com/quiz using Svelte, collaborating with a diverse team of contributors
- Cultivated a learning environment through design and front end developing workshops, encouraging creativity, innovation, and collaborative design practices for **30+** people bi-weekly

FullyHacks | *Co-Director, Design Officer* — September 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 that contributed to a **239%** increase in applications to over **400** and secured **10 sponsors**
- Co-direct FullyHacks 2025 alongside three other directors, overseeing team tasks and responsibilities to ensure a successful event

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 using Sveltekit and TailwindCSS, ensuring timely completion and functionality
- Collaborate with **11 organizers** to plan event details and logistics for the upcoming event in November