

Adiba Akter

Sacramento, CA || Phone: (916) 743 8234 || Email: adiba.akter.98@gmail.com || [GitHub](#) [Website](#) [LinkedIn](#)

EDUCATION

California State University, Sacramento

Expected Graduation: Fall'24

Bachelor of Science in **Computer Science**, Minor in Marketing.

GPA: 3.5

Relevant Courses: Agile Methodology, Intelligent systems: Machine Learning/AI, Web Programming, Data Visualization

Work Experience

California Department of Toxic Substances, Solutions Developer Intern (SAAS ArcGis)

(May 2024-Present)

- Updated cubicle designs for two facilities using Python, ArcGIS Pro, and data visualization techniques.
- Enhanced web experience map with Senate and county data to enable tracking of emergency fire and traffic status using ArcGIS Online.

Sac State Enrollment Management and Student Services, Student Assistant

(April 2022 – Present)

- Managing technical issues related to student enrollment data by resolving tickets in EAB and contributing to projects using Excel and Tableau, ensuring accurate tracking of student registrations and drops each semester using self-developed dashboard.
 - Nominated for Student Employee of the Year 2023 and 2024 for exceptional contributions to the completion and maintenance of student enrollment data and technical support.
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PROJECTS

MedBuzz App:

(January 2024-Ongoing)

- Designed and coded an intuitive and secure login interface for MedBuzz using Node.js, ensuring compatibility with Android devices to enhance user experience and security in healthcare recruitment.
- Conducted UI/UX research to create a visually appealing login design for the client and implemented frontend with HTML, CSS, JavaScript, and integrated with Node.js backend for authentication, delivering a seamless login experience meeting MedBuzz's usability and security requirements for healthcare professionals and recruiters on Android devices.

SmartPantry -Meal Planning App (HackSwift Hackathon'24):

(March 2024)

- Developed an innovative meal planning app, SmartPantry, leveraging the MERN stack and Edamam API for personalized meal planning, reducing food waste, and improving food storage.
- Led the back-end development with Node.js and Express.js, integrated MongoDB for dynamic content management, and created the Food Storage Tips page to enhance user education on sustainable practices.
- Achieved an honorable mention at the HackSwift Hackathon 2024 among 76 projects, recognized for our contribution to sustainable meal planning and waste reduction

Scholarly WebApp (Sac State AI Hackathon Luma'24):

(April 2024)

- Developed Scholarly WebApp with a team of 4 members where I coded the python script for data scraping to collect scholarship information.
 - Utilized MERN stack for development and OpenAI assistant to match scholarships with user resume, where I contributed to the Login page code and OpenAI assistant prompt writing.
 - Successfully showed top 3 scholarship matches for students based on resume with matching keywords for prompt writing and application link, gained top 3rd position among 11 teams and qualified for university wide hackathon participation.
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SKILLS

Programming Languages: Java, Python, C, C#, JavaScript, HTML5, CSS, MySQL (Oracle), Unix, Machine Learning.

Software: Git, Postman, Visual Studio Code, GitHub, Virtual Box, Jira, Android Studio, Figma, Jupiter Notebook, Tableau.

Frameworks: React Native, ReactJs, NPM, Bootstrap, Linux, Rest API, NodeJs, Tkinter, AWS, MongoDB, TensorFlow.

KEY Skills: Communication, Critical Thinking, Leadership, Problem-solving, Adaptability, Fast-Learning, Teamwork.

LEADERSHIP EXPERIENCE:

Society of Women Engineers, Sac State: As a member worked on empowering women in STEM through collaborative workshops, leadership development, and networking events. **(2022 - 2024)**

Data Science Club Sac State: Collaborated with peers to explore data technologies, workshops to develop practical solutions and enhancing skills in statistical analysis, machine learning, and data visualization. **(2022-2024)**