

Sujal Prajapati

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EDUCATION

Arizona State University

B.S. Computer Science

May 2027

GPA: 4.0/ 4.0

COURSEWORK

Courses: Principles of Programming, Object Oriented Programming, Discrete Mathematics, EPICS

Awards: 99.83 percent in JEE entrance exam , Co-ordinator at Technical Club at previous institution, won interschool competitions in Olympiad, Athletics, Skating and Drama.

LEADERSHIP EXPERIENCE

Teacher Assistant

July 2022 - February 2023

Mathematics

- **Grading and Evaluation:** Managed grading assignments, quizzes, and exams, providing constructive feedback to students.
- **Assisted in Lesson Planning:** Collaborated with the lead teacher to design and implement lesson plans.
- **Developed supplemental learning materials** such as worksheets and practice problems to reinforce key mathematical concepts.

Member

August 2024 - Present

Software Developers Association(SoDA)

- **Networked with Peers and Professionals:** Built a professional network by interacting with other association members, sharing knowledge, and exploring potential collaboration opportunities.
- **Engaged in workshops and seminars,** gaining hands-on experience in diverse programming languages, frameworks, and industry best practices.

SKILLS

Programming Languages: C, Java, HTML/CSS

Tools: Git/GitHub, BlueJ, VS Code, MS Office

Soft Skills: Well-Organized, leadership, teamwork and problem-solving experience.

PROJECTS

Creative Digital Media Production

August-October 2024

- Acquired skills to use digital mediums like websites, social media, and apps to communicate with specific audiences.
- Collaborated effectively with a diverse team to develop a user-friendly website, incorporating state-of-the-art research on audience persuasion, effective web design, image selection, and writing techniques.

SensorGaurd Jacket

January 2024 - May 2024

In collaboration with FSE 100

- Designed a wearable device using passive infrared (PIR) sensors to detect human presence and enhance safety for visually impaired individuals.
- Developed a product with long battery life and easy-to-use features for seamless daily wear and activation.
- Targeted a market gap by creating a solution specifically for individuals with visual impairments, addressing their unique safety concerns.

Augmented Reality Map

August 2024 - Present

EPICS

- Collaborated with team members in the conceptualization and implementation phases, ensuring user-centered design and effective deployment strategies.
- Spearheaded the design and development of a user-centric navigation app tailored for ASU students and faculty, focusing on accessibility and ease of use.
- Designed a 2D map interface for seamless indoor navigation across the ASU Tempe campus, incorporating intuitive UI/UX principles.