ADITYA GABANI

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EDUCATION

Arizona State University, Ira.A Fulton School Of Engineering   Tempe, AZ
B.S in Computer Science   **May 2025**
GPA: 3.94/4.0 | **Honors:** Dean's list (2021-Present), NaMU University Scholarship UG(2021-2022)
Coursework: Calculus I,II & III, Principles of Programming, OOP Programming, Comp Org/Assembly Lang Prog, Data Structures and Algorithms, Intro to Software Engineering, Prob/Stats, Information Assurance, Operating Systems, Computer Networks, Intro to Theoretical Comp. Sci., Computer and Network Forensics, Intro Human Computer Interactn, Principles of Programming Lang, Web Development.

ACADEMIC PROJECTS

Socket Project, *Python*   **09/2023-10/2023**
- Implemented a real-time multiplayer card game application in Python, used socket programming for seamless communication between server and clients.
- Implemented multithreading for concurrent communication between server and clients.
- Designed and implemented features such as player registration, query functionalities, game initiation logics, and tracking multiple game IDs.

Testing Lead, *NETWORK*   **08/2022-12/2022**
- Designed to make running a university organization easier. 'Network' is a Social Media Management Tool
- Planned,Designed,and executed different testing activities to ensure that the product met quality standards and was bug free.
- Advertised the product to various clubs and organizations.

Team Leader, *Project SPYN*   **08/2021-12/2021**
- Designed and Built an autonomous self-navigating LEGO car using MATLAB.
- Incorporated essential parts, including color sensor, ultrasonic sensor, and touch sensor,to design the car and a lift mechanism to pick up and drop off elderly passengers at designated locations.
- Led the team in designing the car to meet the project standards and was responsible for the majority of the coding and design work.

WORK EXPERIENCE

Technology Consultant, *ASU Enterprise Technology*   **03/2023-Present**
- Conducting on-site troubleshooting and repairs in classrooms to ensure seamless operation of technology and minimize interruptions to teaching and learning.
- Regularly inspecting and maintaining classroom technology to proactively identify and address any potential issues, ensuring smooth functionality.
- Assisting with the opening and setup of buildings and classrooms, ensuring all necessary technology is operational and ready for use.

Verification Supervisor, *ASU Admission Services*   **05/2022-03/2023**
Data Analyst (Verifier), *ASU Admission Services*   **01/2022-05/2022**
- Promoted to managerial position of Verification Supervisor with more responsibilities by demonstrating exceptional abilities as a verifier.
- Scanning, Documentation, and data entry of high volume of applicant information
- Analyzed data from 4000+ high school and college level applications and tabulated them into the ASU database.
- Assisted in recruiting, training and coaching student verifiers, as assigned by manager, monitor and maintain student verifier workflow and productivity, lead by example, assist with high level processing and other duties as assigned.
- Be proficient and provide high level user support with transcript software(onbase)

Teaching Assistant(CSE 110), *Ira A. Fulton Schools Of Engineering, ASU*   **08/2022 - 12/2022**
- Provided well-rounded support to students in Java programming, in class offered by Ira. A Fulton school of Engineering.
- Conducted regular study hall office hours and weekly lab sessions for a class of 70+ students, helped them understand the coursework and overcome challenges.
- Assisted students, answered questions and provided guidance on an online community called 'Inscribe'.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, Scheme, Assembly, Bash, JavaFx, SQL, JavaScript, MATLAB
Web Technologies/Frameworks: HTML, CSS, Django, Bootstrap
Tools & Software: Clickup, Jira, Astah, Junit, Wireshark, Interactive Disassembler(IDA), MS Office Suite, Github, Google Suite, Citrix, Peoplesoft
OS: Windows, Linux, MacOS, Android, IOS
Certifications: JavaScript Essential Training, Learning ServiceNow