SAHIL SINHA

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EDUCATION

Arizona State University   Tempe, AZ
B.S Computer Science *GPA: 4.0*   Aug 2022 - May 2026
Relevant Coursework:
Data Structures & Object Oriented Programming, Programming Paradigms, Discrete Mathematics

PROFESSIONAL EXPERIENCE

Ira A Fulton School Of Engineering   Tempe, AZ
Undergraduate Teaching Assistant   Current

- Delivered personalized mentoring to students, fostering their professional growth through hands-on guidance.
- Played a pivotal role in lesson preparation, meticulously contributing to the development of a seamless learning journey for undergraduate students.
- Collaborated effectively with both instructors and fellow Teaching Assistants, actively contributing to the enhancement of the CSE 240 curriculum.

ASU Automation Projects/ EPICS   Tempe, AZ
Testing Intern & Front-End Dev   Jan 2023 - Aug 2023

- Assisted development of a visually appealing and user-friendly front end design for an Automated Attendance System for over 80,000 ASU students using ReactJS and Figma.
- Collaborated with the dynamic testing team, actively participating in the evaluation of project functionalities. Contributed valuable insights and meticulous feedback, playing a pivotal role in refining the comprehensive design before the deployment of the project.

PROJECTS

InQuizzitive *Python, Flask, OpenCV, HAAR Cascade*

- Designed and implemented a Flask-based web application for a trivia game with seamless selection of answers during the trivia experience.
- Integrated real-time player head tracking utilizing HAAR cascade and OpenCV for accurate detection and analysis of player movements. functionality.

PersonalArchDE *Arch, Neovim, KDE*

- Installed Arch Linux with proficiency from scratch demonstrating adeptness with Linux systems.
- Meticulously fine-tuned Neovim and terminal emulator emphasizing proficiency in tailoring developer tools for maximum productivity

Sayhilel *JavaScript, CSS, HTML*

- Crafted a visually engaging work-in-progress portfolio website from the ground up, showcasing my proficiency in HTML, CSS, and JavaScript. Meticulously designed and implemented various features to highlight my skills and projects, demonstrating a keen eye for aesthetics and a commitment to delivering a polished online presence.

SKILLS & INTEREST

Languages:	Java, C, C++, Python, JavaScript, MATLAB
Technologies:	Linux/Unix, Google Suite, NumPy, ReactJS, OpenCV, Flask

EXTRACURRICULAR & RECOGINITION

CodePath Cybersecurity
Successfully concluded CodePath's Introduction to Cybersecurity course, gaining comprehensive insights into the CIA triad, encryption methodologies, network security principles, and operational security (OPSEC) strategies. Proficiently utilized a range of cybersecurity tools throughout the course.

Devil's Invent
Attained the second place position in ASU's Devil's Invent Hackathon winning a prize of $1,000 while serving as a pivotal core team member overseeing conceptual design and hardware systems.

Dean's List
Attained a coveted and exceptional distinction on the Dean's List in recognition of outstanding academic achievements.