

HRIDI UKANI

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EDUCATION

B.S. Computer Science, Minor in Business

Anticipated May 2026

Arizona State University

Tempe, AZ

Relevant Coursework: Data Structures and Algorithms, Principles of Programming Languages, Introduction to Machine Learning, Operating Systems, Introduction to Software Engineering, Introduction to Financial Engineering

Awards: New American Scholar (\$14,500/year), Dean's List (all semesters)

EXPERIENCE

Technology Assistant

Sep 2023 – Present

Sun Devil Athletics

Tempe, AZ

- Resolved **50+** monthly tech issues for **200+** users with a **90%** first-call resolution rate.
- Managed device policies to ensure compliance and optimize performance across staff systems.
- Reduced repair timelines by **25%** through efficient vendor coordination and support processes.

Undergraduate Teaching Assistant

Aug 2024 – Dec 2024

Arizona State University

Tempe, AZ

- Facilitated **30+** students weekly in Data Structures Algorithms, leading to a **15%** average grade improvement.
- Co-developed lab activities, quizzes, and problem sets in collaboration with instructors.
- Mentored students and fostered an inclusive, supportive learning environment.

PROJECTS

SERA-AI Sexual Health Chatbot

Mar 2025 – Mar 2025

- Won WiCS Hackathon 2025 for developing a **real-time** AI chatbot promoting accessible sexual health education.
- Built a full-stack app using **React**, **Flask**, and **OpenAI GPT**, integrating **Web Speech API** for voice input and **MongoDB** to store over **1,000+** anonymized conversations.
- Deployed frontend on Vercel and backend on Render to ensure scalability and responsiveness.

License Plate Recognition System

Nov 2024 – Nov 2024

- Programmed a machine learning system using **Python**, **OpenCV**, and **OCR** to detect and extract text from license plates.
- Trained on **500+** images, achieving **80%** accuracy and less than **1 sec detection** time under varied conditions.
- Utilized **TensorFlow** and **NumPy** to enable real-world use cases like traffic monitoring and toll collection.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, WordPress

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Certifications: AWS Cloud Practitioner

ACTIVITIES

Women in Computer Science Hackathon Winner '24-'25, GHC Scholar '25, AWS AI ML Scholar, Computer Science for Social Good