

HRIDI UKANI

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EDUCATION

B.S. Computer Science, Minor in Business

Arizona State University

Anticipated May 2026

Tempe, AZ

Relevant Coursework: Data Structures and Algorithms, Introduction to Machine Learning, Operating Systems, Introduction to Software Engineering, Introduction to Financial Engineering, Introduction to Artificial Intelligence.

Programs and Achievements: GHC Scholar 2025, New American Scholar (\$14,500/year), Dean's List (all semesters), AWS AI/ML Scholar, Codepath.

Activities: Women in Computer Science (WiCS), Girls Who Code (GWC), Rewriting the Code (RTC), Grace Hopper Celebration (GHC).

EXPERIENCE

Software Engineering Intern

Extra Sauce Agency

Sep 2025 – Present

Tempe, AZ

- Implemented full-stack features in **Next.js, React, and Supabase** to deliver chat-driven content creation and a versioned markdown editor.
- Integrated **AI libraries (Mastra agentic runtime, CopilotKit AGUI)** for real-time autocomplete and brand voice adaptation, achieving **60%** faster draft generation.
- Applied agile best practices and automated deployments to deliver a functional product at the end of every sprint.

Generation YES STEM Intern

Speak Out Sisterhood X Hacker in Heels

Sep 2025 – Present

Tempe, AZ

- Coordinated cross-functional efforts among **4** interns to design and deliver a strategic web-based career support tool.
- Conducted analysis on **100+** user feedback entries to identify top 3 barriers to use of requested career support.
- Developed and tested new UI components and APIs to improve support resource visibility by **40%**, increasing user engagement.

Research Assistant

Data Mining and Machine Learning Lab

June 2025 – Present

Tempe, AZ

- Ran LLM-based feature selection tests on **8+** datasets; analyzed F1 and NMAE under corruption.
- Co-authored internal research paper; led initial experiment setup and data prep.
- Benchmarked **3+** prompt-based methods; identified top **2** agents by accuracy on classification tasks.

Technology Assistant

Sun Devil Athletics

Sep 2023 – Present

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.

PROJECTS

SignSpeak (Live ASL-to-English Translator)

Aug 2025 – Aug 2025

- Programmed a Python model using **Scikit-Learn** and landmark detection to classify sign language gestures with over **90%** accuracy on test set
- Processed and cleaned a dataset of **2500+** gesture images/videos, extracting key landmarks to optimize feature engineering.
- Deployed a UI prototype allowing live detection from webcam input, reducing latency to **less than 200ms** per prediction

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.

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