# Kaycee Garcia

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## EDUCATION

**Bachelor of Science in Computer Science (Software Engineering)** Aug 2022 – May 2026
Expected May 2026
Arizona State University, Tempe, AZ

- Barrett, the Honors College

## TECHNICAL SKILLS

**Programming Languages**: Java, Python, Scheme, Lisp, Prolog, C, C++, JavaScript, SQL, HTML, CSS, XML
**Technologies:** Gitlab, Node.js, Snowflake, Apache Airflow, Jira, Domino, Storage GRID, Jupyter Notebooks, NLP, AI, PyTorch, SciKit, Git, Docker, JUnit, MATLAB, Next.js, Tailwind CSS, Vercel, Supabase, PostgreSQL, Cloudinary
**Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Digital and Analog Design, Software QA and Testing, Distributed Software Development, Linear Algebra, Statistics, Discrete Math

## PROFESSIONAL EXPERIENCE

**USAA: AI/ML Engineer Intern** May 2025 – Aug 2025

- Contributed to an AI model for the Risk and Compliance team, detecting similar operational losses across the enterprise. Managed model performance and monitoring, successfully deploying components to production. Improved embedding time by **25%** and proactively identified database issues to prevent production errors.

**Arizona State University: Undergraduate Research Assistant** Aug 2024 – Aug 2025

- Developed and integrated a gamified badge system to increase user retention and engagement metrics. Analyzed user data to identify behavioral trends, informing the roadmap for future feature implementation and program enhancements.

**Clymb's Business Solutions: IT Intern** July 2024 – Aug 2024

- Managed IT and software solutions for a diverse client portfolio, ensuring seamless operational performance. Monitored client databases and websites while maintaining office workstations to optimize hardware reliability.

## RELEVANT PROJECTS

**Similar Operational Loss Event Predictor Model, *Project***

- Developed a natural language processing (NLP) model to identify relationships between operational losses and issues. The model utilized text data from a database, embedding the information into vectors.
- Using cosine similarity, it calculated and outputted the relationships. A similarity threshold of 0.64 was applied to filter and present only the most significant connections.

**Portfolio Website, *Project***

- Engineered a personal website using Next.js and Tailwind CSS, achieving high accessibility and design standards.
- Implemented a custom Spotify API integration utilizing OAuth 2.0 to enable real-time playback state retrieval and a visitor-facing song request system.

**Crowslist: ASU Marketplace*, Project***

- Developed a full-stack, responsive marketplace application using Next.js and TypeScript, implementing server-side logic and modular React components.
  Integrated Supabase for PostgreSQL database management, secure user authentication, and cloud storage for item imagery, ensuring real-time data synchronization.

## WORK EXPERIENCE

**Arizona State University: Business Assistant** Sep 2022 – Present

- Contributed to the efficiency of the Barrett Business Office by developing automated workflows using Power Automate and creating advanced Excel spreadsheets for daily operations.

**Arizona State University: Technology Assistant** Oct 2024 – Aug 2025

- Troubleshooting hardware and software issues, providing user support, and managing IT inventory. Strong communicator with a focus on enhancing user experience and optimizing operations. Seeking to contribute technical expertise in a dynamic IT environment.

## CLUBS

**Society of Hispanic Professional Engineers (SHPE) –** Public Relations Officer