

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

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.

Personal Website, *Project*

- Using HTML and CSS along with JavaScript to create a personal website to display my interests, skills, and projects to further express my interest in software development.
- Taught myself HTML, CSS, and JavaScript using online resources and examples to push myself to learn new skills.

Customer Management System, *Project*

- Developed a software application to manage customer loans, categorizing them into queues based on loan size and priority.
- Deployed object-oriented programming principles along with stack and queue data structures to effectively track and prioritize customer loans within the system.

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