

Mary Williams

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EDUCATION

The University of Texas at Austin, Austin, TX

- BSA Computer Science and Minor in Business
- **Relevant Coursework:** Data Structures & Algorithms, Computer Architecture & Design, Principles of Computer Systems, Information Technology Management, Discrete Math, Professional Communications

TECHNICAL SKILLS

Advanced Java, C, Version Control, Proficient Python, Linux, Figma, Excel, Assembly

PROJECTS

NASA APOD Slack Bot (Python, AWS Lambda) July 2025

- Developed an automated Slack bot to fetch NASA's daily Astronomy Picture of the Day via NASA's public API and post it with description and high-res images using Slack Incoming Webhooks
- Built serverless architecture using AWS Lambda to schedule daily posts with AWS EventBridge, ensuring zero-maintenance and scalable deployment

Personal Website May 2025 - Present

- Building a full-stack personal website using the MERN stack (MongoDB, Express.js, React, Node.js) to showcase projects and technical skills
- Designed user interface and experience using Figma, with a clean layout and responsive design principles
- Implementing features such as project galleries, contact form with email integration, and blog-style updates

Flutter Mobile App Nov 2024

- Developed a mobile app in Flutter while participating in a Hackathon, which incentivizes reduced phone usage
- Utilized Figma to design an engaging arcade-style UI/UX and integrated features such as analytics and social competition to keep users motivated

WORK EXPERIENCE

Vorago Technologies, Austin, Tx May 2025 - Aug 2025

Application Engineer Intern

- Reduced manual processing time by 40% by developing a Python script to automate sorting of log files
- Enhanced existing automation scripts to streamline programming and testing of client Evaluation Kits (EVKs), improving workflow efficiency.
- Assembled and programmed 150 EVKs for clients, ensuring high quality and timely fulfillment

University of Texas at Austin, Kinsolving Jan 2024 - Present

Front Desk Assistant

- Addressing and managing resident questions and concerns efficiently, providing timely resolutions and a high level of resident satisfaction in the dormitory
- Ensuring smooth operations at the front desk by handling check-ins, check-outs, and daily mail, contributing to an efficient and welcoming environment for residents and visitors

YMCA, Buda, Tx July 2021 - Aug 2024

Childcare Provider

- Led a variety of educational and recreational activities for children as a daycare provider, enhancing their social skills and cognitive development
- Facilitated a variety of engaging outdoor activities for children and teens as a camp counselor, improving their teamwork, conflict resolution, and personal development

LEADERSHIP & COMMUNITY INVOLVEMENT

Society for Advancing Gender Equity in STEM (SAGES), Mentor Aug 2024 - Present

- Provide one-on-one mentorship to local high schools in the Austin area on applying to college and STEM specific education

Women in Computer Science (WiCS), Mentor/ Member Aug 2023 - Present

- Engage in mentorship and outreach, helping hundreds of high school students explore computer science through workshops and events