Mary Williams

marywilliams@utexas.edu | Austin, TX
[Linkedin](#) | [Github](#)

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

Languages: Java, Python, C, Javascript, CSS
Frameworks/Tools: React, Node.js, MongoDB
Developer Tools: Git, Linux, Figma, Excel, AWS Lambda

SOFTWARE 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 REST 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 responsive layout and clean design

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 60% 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
- Manage resident concerns, check-ins, mail, and front desk operations to ensure an organized and responsive environment

YMCA, Buda, Tx   July 2021 - Aug 2024
Childcare Provider & Camp Counselor
- Led a variety of educational and recreational activities for children, enhancing 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
- Assist with navigating scholarship and careers and reviewing applications in order to build students' confidence and readiness for higher education

Women in Computer Science (WiCS), *Mentor/ Member*   Aug 2023 - Present
- Engage in mentorship and outreach, helping hundreds of high schoolers explore computer science curriculum through workshops and events
- Foster long-term relationships, offering ongoing academic and personal support to help mentees thrive