AZARIA REED

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SKILLS

- Proficiency in Python, C++, C#, and Java
- Certified Microsoft Office Specialist
- Experimental design
- Metrics and evaluation
- Technical documentation
- Requirements validation
- Experience in TypeScript, CSS, and HTML

SELECTED TECHNICAL PROJECTS

Machine Learning Projects

- Designed and executed validation experiments for regression and classification models using accuracy, precision, and error metrics
- Analyzed model behavior and failure modes using diagnostic plots and performance comparisons
- Authored formal documentation explaining methodology, results, and limitations

UX Project

- Conducted structured usability validation with real participants
- Synthesized qualitative and quantitative results into actionable findings

EXPERIENCE

Software Engineering Intern

Tektonux LLC, Huntsville, AL

May 2025-August 2025

- Implemented user interfaces in TypeScript, CSS, and HTML by communicating directly with the design team to ensure accuracy at each stage of the development process
- Supported the design and execution of automated tests with Playwright to enable the validation of software behavior relative to visual designs
- Tested a terrain server using GeoTIFF DEMs and Cesium to verify that its functionality was replicable on new machines
- Drafted a user manual for a Cyber Dashboard to communicate to the end user clearly
- Composed documentation for unit tests in C#, end-to-end tests, and Storybook to allow new developers to learn how to locate and employ them quickly
- Supplemented company onboarding documentation to facilitate smoother and more efficient transitions for new employees
- Adapted to a professional team environment by incorporating feedback and contributing to collaborative cross-functional projects

Website Manager

SafeHug LLC, Huntsville, AL

2022-Present

- Regularly collaborated with the inventor of a patented medical safety device to consistently and accurately reflect their invention's impact through a website's appearance, functionality, and performance
- Ultimately facilitated small business exposure by independently conducting its vital and ongoing website maintenance
- Continually oversaw updates, articulated emerging insights, and ensured security for the website of a small business

Website Designer

Ms. D's Sweet Potato Cakes

December 2022
- Immediately contributed to a direct increase in profits for a small business by designing a website according to its branding and marketing strategies
- Personally communicated with a small business owner to produce an impactful website layout and user interface

EDUCATION

Bachelor of Science in Computer Science

University of Alabama in Huntsville, Huntsville, AL

- Concentration: Artificial Intelligence and Data Science
- Minor: Mathematical Sciences
- Graduated Summa Cum Laude

Associate of Science in Computer Science

Calhoun Community College, Decatur, AL

- Earned Top Ten Student Award
- Graduated Summa Cum Laude

Short-Term Certificate in Programming Essentials

Calhoun Community College, Decatur, AL

- Graduated with Distinction

Short-Term Certificate in Computer Science Essentials

Calhoun Community College, Decatur, AL

- Graduated with Distinction