Mary Bauta

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Education

University of Central Florida **Jan 2024 – Dec 2026**
Bachelor of Science in Information Technology GPA: 3.5 *Orlando, Florida*

Relevant Coursework

- Database Management
- Internet Technology
- Object-Oriented
- Programming

Projects

Computer Vision Application for the Visually Impaired | *TensorFlow, Tesseract.js, React, CSS, Javascript* **Oct 2024**

- Collaborated with a cross-functional team to develop a mobile application designed to enhance the vision of visually impaired users by interpreting and communicating environmental data.
- Utilized TensorFlow, Tesseract, and React to develop the back-end functionality, enabling text recognition and obstacle detection features.
- Developed the front-end using CSS and JavaScript, creating an intuitive user interface that enhances accessibility and user experience.
- Integrated features such as text recognition for voice output and obstacle detection with voice-guided navigation to ensure user safety and independence.
- Conducted thorough quality assurance testing to ensure functionality, usability, and performance across various devices and user scenarios.

Portfolio Website | *HTML, JavaScript, CSS* **Jan 2025**

- Developed and launched a personal portfolio website using HTML, CSS, and JavaScript, showcasing web development skills and projects.
- Hosted the portfolio on GitHub, demonstrating proficiency in version control, responsive design, and front-end development.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, GCC Compiler
Technologies/Frameworks: GitHub

Languages

- English - Native
- Spanish - Limited