

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

Experience

AquaKids Swim Club

Jul 2017 – Aug 2017

Volunteer

Miami, Florida

- Utilized problem-solving skills to resolve student conflicts and created a nurturing space for children to enhance their camp experience.

Realm Elite Fitness

Nov 2024 – Present

Fitness Instructor (Temporary)

Orlando, Florida

- Designed and led group fitness classes.
- Adapted instructional style to meet the needs of individuals with various fitness levels, ensuring a positive and inclusive environment.
- Provided personalized guidance on exercise techniques, form, and safety to maximize participants' results.

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.

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