Mariela Badillo

[LinkedIn](#) | [Github](#) | [Website](#) | mlbadillo8@gmail.com | 863-245-4453 | Wauchula, FL

EDUCATION

Florida State University   May 2024
Bachelor of Science in Computer Science, minor in Mathematics   gpa 3.8

Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Advanced Programming with Java, Software Engineering I & II, Theory and Structure of Databases, Full Stack App Dev in C#, Human-Computer Interaction, Secure, Parallel, and Distributed Computing with Python

TECHNICAL SKILLS

Programming Languages: C++, Python, C, C#, Java, JavaScript, React, Node, HTML/CSS
Tools: Git, Github, Jira, MongoDB, Postman, VS / VSCode

WORK EXPERIENCE

Software Development Engineer I   August 2024 - Present
Accelya - Remote

- Retrieve and analyze crash logs from AWS S3 to investigate production failures, identifying root causes and proposing effective solutions
- Investigate and resolve customer-reported issues by debugging and fixing C++ backend bugs assigned via Jira, improving system stability
- Support continuous improvement efforts by maintaining high code quality and contributing to system reliability in production environments

R&D Software Engineer Intern   September 2023 - December 2023
Universal Creative - Orlando, FL

- Applied Python, C++, and JavaScript to develop, debug, and test software components ensuring robustness and functionality across 7 varying projects
- Engineered diverse applications such as facial recognition, facial detection, and identification scanning services, contributing solutions to enhance project functionalities
- Assisted in the development and testing phases of prototypes, facilitating the successful deployment of innovative technologies in Universal Destinations and Experiences

Software Development Engineer Intern   May 2023 - August 2023
Amazon Robotics - Boston, MA

- Developed and delivered an end-to-end application in C#, Unity and DynamoDB, contributing to feature design, implementation, and system integration.
- Led the creation and completion of epics and user stories in Jira, collaborating on code reviews and utilizing Git and CI/CD pipelines to ensure high-quality, efficient deployments
- Engaged in Agile development methodologies by attending daily stand-up meetings and delivering regular status updates on assigned tasks and project advancement

Undergraduate Teaching Assistant   August 2022 - April 2023
Florida State University - Tallahassee, FL

- Conducted weekly office hours to provide personalized assistance to students, addressing questions and clarifying concepts for the Introduction of C++ course, fostering a supportive learning environment
- Delivered constructive and detailed feedback on assignments, providing insights to help students understand their mistakes and make necessary improvements in their work, facilitating academic growth and improvement

PROJECT EXPERIENCE

Personal Website   May 2024 - June 2024
Web Application using Next.js, TypeScript, and Tailwind CSS

- Engineered a sophisticated and responsive personal website utilizing Next.js, TypeScript, and Tailwind CSS to exhibit professional work and achievements
- Learned and utilized cutting-edge web technologies to craft an engaging and visually appealing platform for showcasing skills and portfolio projects to prospective employers

CleverCook   March 2024 - May 2024
Prototype for Web Application using Express, React, Node

- Employed Express.js and Node.js for efficient backend development, ensuring reliable server-side functionality seamlessly integrated with the React frontend
- Designed and implemented intuitive user interfaces with React to prioritize user engagement and satisfaction, guiding users seamlessly through recipe discovery, preparation, and cooking processes