

MARIA-LIA PASSAGLIA

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INTERESTS

App development, machine learning, project management, UX/UI design, web development.

EDUCATION

Bachelor of Science in Computer Engineering

May 2022

University of Florida, Gainesville, FL

Minor: Business Administration

GPA: 3.78/4.00

Relevant Coursework:

- Circuits 1
- Data Structures
- Digital Logic and Computer Systems
- Discrete Structures
- Microprocessor Applications
- Programming Fundamentals I and II

EXPERIENCE & INVOLVEMENT

Assistive Device Team Member

December 2018-Current

Generational Relief in Prosthetics Club, Gainesville, FL

- Worked among a team, consisting of members from a variety of different engineering disciplines, to design, develop, and construct a 3D-printed assistive device.
- Attended Hand Camp as a volunteer to help organize and monitor the distribution of our club's prosthetics to the campers.

Enrollment Advisor

December 2019-Current

First Step Coding, San Francisco, CA (remote)

- Provided prospective and new students with information about our course program covering JavaScript, HTML, and CSS.
- Helped students complete and navigate registration processes.
- Communicated details about available classes, materials, and services.

Tech Lead Officer

December 2020-Current

Software Engineering Club, Gainesville, FL

- Collaborated with fellow officers to plan and host weekly CodeCollab sessions for members to learn more about interesting programming topics.
- Part of the team in charge of the ongoing development of the mobile application, Clubfinity.
- Helped organize and supervise *CodeForChange*, a 12-hour hackathon focused on redesigning a website for a local homeless shelter.

NOTABLE PROJECTS

Clubfinity, Mobile App

React Native, Express JS, MongoDB

A cross-platform mobile app designed to provide UF student organizations a platform to manage and promote their events on campus by connecting them to students.

Minesweeper, Video Game

C++

Strengthened my knowledge of object-oriented programming and learned how to use frameworks and libraries such as SFML's graphics library.

SKILLS

Programming Languages: C, C++, Java, JavaScript, Python

Frameworks & Tools: Atmel Studios, GitHub/GitLab, Intel Quartus, LTspice, React/React Native, Waveforms

Certifications: Certified Internet Web (CIW) Professional Business Associate

Foreign Language: Spanish (Conversational)