

Mariana Torres Torres

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EDUCATION

University of Florida, Herbert Wertheim College of Engineering **May 2023**
Bachelor of Science in Digital Arts and Sciences Engineering

PROFESSIONAL EXPERIENCE

School District of Lee County **July 2020-December 2020**
Application Services Intern Fort Myers, Florida

- Worked with Express, Node, and Microsoft SQL on a Wellness Tracking application for district employees
- Performed Black-box testing to aid in the deployment of a COVID-19 contact tracing application

U.F Department of Chemistry **January 2020-May 2020**
Introduction to Chemistry Teaching Assistant Gainesville, Florida

- Assisted 150 students with chemistry questions to improve their understanding of the professor's lectures
- Held office hours to offer additional help with concepts and assignments to students.

PROJECT EXPERIENCE

SHPE Website and Mobile App, SHPE **September 2019-Present**
Scrum Master

- Implemented Agile and Scrum methodology to work with other developers in the creation of new features
- Worked with React Native to develop a mobile version of the SHPE website
- Programmed a Python web scraper and used MERNG stack to create features that simplify the access and manipulation of database information

Solstice Plaza, Hack Solstice- Winner of Best Use of EchoAR **January 2021**
Developer

- Designed a virtual version of UF's Plaza of the Americas using EchoAR, Maya, and Unity to provide a platform for UF students to interact and enjoy a piece of campus
- Used C# to give players the ability to walk around the plaza and a 360 camera view

St. Francis Website, Code for Change Hackathon **February 2020**
Project Manager

- Developed a website with React that facilitates the volunteer application process for the St Francis House
- Delegated a team of six to create website features under time constraints

Twitter Clone, Personal Project **September 2019**
• Applied MERNG stack to create a website for users to post, comment, and like posts in a Twitter fashion

INVOLVEMENT

Girls Who Code, Treasurer and Facilitator **January 2020-Present**
• Utilized Scratch and Trinket to teach 20 girls programming concepts in Python

Conversation Partners Program, Volunteer **October 2019-May 2020**
• Conversed with non-English speakers for one hour per week for a semester to improve their vocabulary

UF Science Olympiad, Volunteer **January 2020**
• Assisted the Event Supervisor by distributing, proctoring, and grading tests to optimize time management

UF Adapt-A-Thon, Volunteer **November 2019**
• Modified the mechanics and features of toys to donate them to children with disabilities

First-Year Leadership Program, SHPE **August 2019-December 2019**
• Developed leadership skills through the mentorship of experienced SHPE members to succeed as a leader

ADDITIONAL

Skills: JavaScript, Java, HTML, CSS, C++, Python, React, React Native, JQuery, NodeJS, SQL

Awards: Grace Hopper Women of Color in Technology Scholarship (2020)

Languages: Spanish (native)