

Emma Coronado

ecoronado@ufl.edu | (305) 720 - 8358 | emmacoronado.com

EDUCATION

University of Florida

Computer Science, BS (GPA 3.93 /4.0)

Class of 2027

Gainesville, FL

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Operating Systems

Involvement: Women in Computer Science, Society of Hispanic Engineers, Club Cheerleading

SKILLS

Programming Languages: Java, Python, C++, JavaScript, HTML/CSS, MATLAB

Libraries & Tools: React.js, Boost, Bootstrap, Crow cpp, SFML, LibGDX, p5.js, Git, Figma, Chrome DevTools

Project Management: Agile Methodologies, Scrum, Kanban, Jira

Languages: Fluent in English and Spanish (read, write, and speak)

PROJECTS

Rx-Warning.com | *JavaScript, HTML/CSS, Figma, Bootstrap*

April 2024

- Developed a responsive UI to dynamically display drug interaction information fetched from server data stored in an adjacency list and matrix to compare search speed.

Chrome Extension Development

March 2024

- Developed and launched the “Coquette Bows” extension on the Chrome Web Store with over 9k users in 100+ countries.

LEADERSHIP AND RECOGNITIONS

GiGa Studios Game Development *Project Manger*

January 2024 – present

- Manage team progress using a scrum-based approach including planning sprints, assigning individual tasks, setting up and updating the team workflow management system.
- Organize and lead team meetings: set dates, book meeting rooms, send out memos and announcements.

TEDx Speaker *TEDxStThomasAquinasHS*

March 2023

- Delivered a talk on my experiences encountering gender prejudice in STEM spaces and how to best support young girls interested in STEM.

FIRST Robotics *Co-Captain*

2019 – 2023

- Manage team goals and progress using agile methodologies with a kanban-based approach, ultimately earning multiple state and regional titles.

Girl Scout Robotics Badge Workshop Program *Founder and Organizer*

2021 – 2023

- Work with the Girl Scout Council of Tropical Florida to found and run a volunteer-based program offering free robotics badge workshops to local Girl Scout troops in underserved communities in the Miami area.
- Spearhead curriculum development, coordinate volunteers, and manage program budget and logistics.

WORK EXPERIENCE

University of Florida CS Department *Teaching Assistant*

August 2024 – present

- Instruct 50+ undergraduate students in Data Structures and Algorithms covering topics including trees, hashing, graphs, sorting, memory management, and algorithmic paradigms.

Girls Who Code *Teaching Assistant*

May – August 2024

- Lead JavaScript and peer programming instruction for 200+ students in collaboration with corporate partners including Travelers Insurance, Pratt & Whitney, and JP Morgan Chase.
- Automate job tasks using Google Scripts to increase teacher engagement with students, leading to a decrease in student absences and an increase in class participation.