Emma Coronado

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

EDUCATION

University of Florida   **August 2023 – May 2027**
Computer Science, BS (GPA 3.93 /4.0)   *Gainesville, FL*
Relevant Coursework: Data Structures & Algorithms, Software Engineering, Operating Systems
Involvement: Women in Computer Science, Society of Women Engineers, Open Source Club, 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
Languages: Fluent in English and Spanish (read, write, and speak)

PROJECTS

Rx-Warning.com | *JavaScript, HTML/CSS, Figma, Bootstrap*   **April 2024**
- Develop 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**
- Develop and launch the "Coquette Bows" extension on the Chrome Web Store with over 7k 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+ 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 programing 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.