Emma Coronado

ecoronado@ufl.edu ❖ (305) 720 - 8358

EDUCATION

University of Florida — **Class of 2027**
Computer Science Major — *Gainesville, FL*

- Relevant Coursework: Advanced Programming Fundamentals, Discrete Structures, Introduction to Computer Organizations, Data Structure and Algorithm

St. Thomas Aquinas High School — **Class of 2023**
Summa Cum Laude (GPA 5.35) — *Ft. Lauderdale, FL*

- Relevant Coursework: AP Computer Science A (introductory Java course)

EMPLOYMENT AND CAREER MENTORSHIP

Mathnasium — **March – July 2023**
Instructor — *North Miami, FL*

- Instruct math levels from pre-Kinder to pre-calculus, improving school performance and math competency.

Motorola Solutions Summer Mentorship Program — **Summer 2021**
Mentee — *Plantation, FL*

- Work with a multidisciplinary team to design a product to pitch to company executives.
- Created product prototypes using Arduinos and Autodesk Fusion 360.

RECOGNITIONS AND COMMUNITY SERVICE

TEDx Speaker at 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.

Girl Scout Robotics Badge Workshop Program — **2021 – present**
Founder and Organizer

- Founded a volunteer-based program offering free robotics badge workshops to local Girl Scout troops in the Miami area to promote STEM involvement among young girls in the community.

EXTRACURRICULAR INVOLVMENT

New Involvement — **2023 – present**

- Women in Computer Science and Engineering
- Society of Women Engineers
- Open Source Club
- UF Club Cheerleading

FIRST Robotics — **2019 – 2023**
Co-Captain

- Create and code robots using Java to compete in technical challenges against other High School teams.
- Manage technical goals, deadlines and other team responsibilities ultimately earning my team multiple state titles.

Varsity Cheerleading — **2019 – 2023**

- Act as a school representative at academic and sporting event and cheer for varsity sports teams

SKILLS

- **Languages:** bilingual, English and Spanish
- **Programming Experience:** Java, Python, C++, HTML, JavaScript