

# Matt Labb

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## EDUCATION

### University of Miami

Coral Gables, FL

Bachelor of Science in Mechanical Engineering

May 2024

- **GPA:** 3.6
- **Honors:** Provost's Honor Roll
- **Relevant Coursework:** Hydro and Aerodynamics, Engineering Economics, Robotic Systems, Materials Engineering, Fluid Dynamics, Leadership in Engineering

## WORK & LEADERSHIP EXPERIENCE

### General Electric

Jacksonville, FL

Manufacturing Engineer Intern

May - August 2023

- Collaborated with cross-functional teams to design and implement a new quality control system, resulting in a 10% reduction in defects and ensuring compliance with industry standards
- Conducted time and motion studies to identify opportunities for process optimization, leading to the redesign of workstations and the implementation of ergonomic improvements
- Developed and authored comprehensive standard building procedures encompassing all essential safety protocols, quality control measures, and operational guidelines
- Successfully gained manager's approval and effectively disseminated the procedures to a diverse workforce of over 130 personnel, ensuring standardized practices across the organization

### University of Miami College of Engineering

Coral Gables, FL

Peer Counselor

August 2022 - May 2023

- Provided guidance and mentorship to a cohort of 30 freshman engineering students, assisting them in navigating the challenges of transitioning to college both academically and socially
- Tutored students in physics and math and reported progress to the College of Engineering Advising Office, with 100% of tutees improving their course grades throughout the semester

### Motorola, Inc.

Plantation, FL

Mechanical Engineering Intern

June - August 2022

- Actively collaborated with the development team to spearhead the design and development of an advanced public safety radio system, catering to higher-tier requirements
- Conducted various certification tests on mobile radios based on military standards and specifications and partnered with team to analyze and interpret the test data
- Assisted with the installation and implementation of a citywide mission critical wireless broadband system to serve over 2.5 million customers

## SKILLS

**Languages:** Conversational Proficiency in Spanish

**Technical Skills:** AutoCAD, SolidWorks, 3D Printing, MATLAB, Pro/Engineer Wildfire, Adobe Photoshop, Adobe Illustrator

## ACTIVITIES

American Society of Mechanical Engineers, Tau Beta Pi Engineering Honor Society (Vice President), Iron Arrow Honor Society, Ultimate Frisbee Club (Treasurer)