**Lucas Menendez**

(305) 202-4428 | lmene055@fiu.edu

**Education**

*Coral Reef Senior High*,High School Degree June 2022

Awards: Dual Enrollment Scholar, College Board National Hispanic Recognition Program, HSF Scholar

Honors Society: Psychology Honors, Science National Honors, Math Honors, National Honors Society

*Florida International University Honors*, Biomedical Engineering (Pre-med) August 2022-Present

Presidential Scholar

**Experience**

**Shadowing Program,** Dr. Jorge L. Acosta July 2021-August 2022

* Established the importance of creating a relationship with patients, and treating them with respect
* Earned a greater understanding of different medications and medical terminology

**Shadowing**, Mount Sinai, Dr. Steve Xydas January 2023

* Observed several cardiothoracic surgeries and learned different components of surgeries.

**Research Experience**, *Cardiovascular Matrix Remodeling* August 2022-Present

* Explore cellular responses and changes in the Extracellular Matrix of cardiovascular cells
* Discover the existence and location of different cell types in the aortic valve

**Extracurriculars**

**Students Taking Initiative Through Collaboration in Honors,** *Pre-medical Club* January 2023-Present

* Attend informational meetings where doctors give presentations and learn about the medical school application process

**Operating Room Podcast**, *Medical YouTube Channel* August 2022-Present

* Run my own YouTube channel dedicated to interviewing medical professionals and creating informative videos.

**Community Engagement**

**Event Coordinator,** *Lavender Ribbon Initiative (LRI)* August 2020-January 2023

* Raise awareness of pediatric cancer by fundraising money, and making arts and crafts for children with cancer
* Created an ambassador program at local high schools in order to increase county-wide participation

**Morale Captain,** *Roarthon* September 2022-Present

* The organization’s primary goal is to fundraise around $70,000 for Nicklaus Children’s Hospital
* Work to boost the morale of the clubs and kept people in good spirits in the year-long organization

**Volunteer,** *Nicklaus Children’s Hospital Emergency Room* December 2022-Present

* Facilitated communication by relaying messages between doctors and patients
* Help children and their families feel comfortable in the hospital environment

**Skills and Certifications**

Fluent in Spanish

Basic Life Support Certification

Emergency Medical Responder Certification

Certified Medical Administrative Assistant