

Jazmyn G. Siraco

Kingston, RI | (603) 508 - 8563 | jazsiraco@gmail.com

Education

University of Rhode Island (URI), Kingston, RI

Expected May 2024

- Bachelor of Science in **Mechanical Engineering**
- Bachelor of Science in **Applied Mathematics**

GPA: 3.95/4.00

Dean's List

Relevant Coursework: Mechanics of Materials, Dynamics, Thermodynamics, Heat & Mass Transfer, Fluid Mechanics, Discrete Mathematics, System Dynamics, Linear Algebra, Differential Equations

Relevant Experience

Naval Undersea Warfare Center, Newport, RI

January 2023 – Present

Code 70 Engineering Intern

- Actively participated in System Safety Working Group meetings pertaining to diverse programs, including the lightweight and heavyweight torpedo programs and the hammerhead mine program
- Migrated reports from older systems into a new database for fleet access
- Expanded upon the hazard reports for the Hammerhead Homing Mine, including proposing new potential hazard mitigations, and organizing by condensing the database to 1/3 of its original size

URI Dynamic Photomechanics Lab, Kingston, RI

September – December 2022

Undergraduate Research Assistant

- Used MATLAB to proficiently plot and evaluate data, demonstrating strong analytical skills
- Used tension and compression testing machines for analysis of specimens
- Assisted in meticulous preparation of specimen and equipment for testing, to ensure accuracy of results

Jensen Hughes, Warwick, RI

June – August 2022

Fire Protection Intern

- Developed proficiency in AutoCAD through active participation in creating and editing fire protection system plans
- Established a thorough understanding of RI Fire Code and Life Safety Code (NFPA101), ensuring project compliance with relevant regulations

Leadership and Campus Involvement

Chi Omega Fraternity

February 2021 – Present

Vice President (December 2021 – December 2022)

- Held meetings with individuals to develop study plans, discuss academic performance, and find academic resources to make them more successful during their time at URI
- Delivered presentations in front of an audience of 200 girls weekly, at chapter meetings
- Provided support with chapter operations, events, recruitment, and hosting national representatives, contributing to the smooth functioning and success of the organization

Tau Beta Pi Engineering Honor Society

December 2022 – Present

Vice President (April 2023 - Present)

- Participated in regional conference in New Haven, CT to build a leadership network and knowledge about the organization

Technical Skills

Experience with Java, Python, and MATLAB

Experience with Fusion 360, AutoCAD, and SolidWorks

Proficient with Microsoft Office and Google Suite