

Erin (Ocean) Engineering

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EDUCATION

Florida Atlantic University
Bachelor of Science in Ocean Engineering
GPA: 3.8/4.0

Boca Raton, FL
December 2023

RELEVANT COURSEWORK

Engineering Materials 1, Acoustics 1, Ocean Thermal Systems, Structural Analysis 1, Ocean Systems Control & Design, Ocean & Environmental Data Analysis, Ocean Wave Mechanics

TECHNICAL PROFICIENCIES

Languages: C++, MATLAB, CAD
Software: SolidWorks
Tools: Gamry Instruments

RELEVANT PROJECTS

Wave Energy Project Summer 2020
Designed and created a prototype of a machine that takes energy from waves. The project consisted of the group to use the wave tank in Engineering West at FAU and to maximize as much energy from the best gear ratio.

- Tools used: Solidworks, Wave tank, Gear box

WORK EXPERIENCE

Research Assistant May 2020 – Present
Design Laboratory, Florida Atlantic University Boca Raton, FL

- Coordinate and prepared research material for analysis of marine risers
- Assist in developing criterion for the still finish of the risers
- Study the marvel occurrence of traveling waves

Program Coordinator September 2018 – January 2020
Associates Students, Inc. Productions West Palm Beach, FL

- Allocated a budget of over \$10,000 for the companies monthly events
- Maintained communication with agents to support smooth operations
- Attended weekly staff meetings with my supervisor and the rest of the production team

ORGANIZATIONS

Society of Women Engineers, *Member* May 2018 – Present
Delta Phi Gamma, *Member* May 2017 – Present
Engineering Student Council, *Member* August 2017 – Present

VOLUNTEER EXPERIENCE

Big Brothers Big Sisters June 2019 - Present

LANGUAGES

Fluent in the oral and written communication of English and Mandarin



FAU CAREER CENTER

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