

Erin (Ocean) Engineering

Boca Raton, FL

erine2011@fau.edu | (561) 795-9856

www.linkedin.com/erinengineering

EDUCATION

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

Boca Raton, FL
December 2020

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: wave tank, gear box, PVC pipe and wood from Home Depot

INTERNSHIP EXPERIENCE

Research Assistant

January 2020 – May 2020

Design Laboratory, Florida Atlantic University

Boca Raton, FL

- Coordinated and prepared research material for analysis of marine risers
- Assisted in developing criterion for the still finish of the risers
- Studied the marine occurrence of traveling waves

WORK EXPERIENCE

Program Coordinator

September 2018 – Present

Associates Students, Inc. Productions

West Palm Beach, FL

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

ORGANIZATIONS

Society of Women Engineers, *Member*

May 2018 – Present

Engineering Student Council, *Member*

May 2017 – Present

Delta Phi Gamma, *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

777 Glades Road, Boca Raton, FL 33431 | Student Support Services Bldg. SU-80, Suite 220
career@fau.edu | 561-297-3533 | fau.edu/career