

Elisa Environmental

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OBJECTIVE

To obtain an entry level position in wastewater engineering with progressive responsibilities under the supervision of a professional engineer to secure my own professional engineering license within 5 years.

EDUCATION

Florida Atlantic University Boca Raton, FL
Bachelor of Science in Environmental Engineering Expected Graduation: December 2023

LICENSURE

Fundamentals of Engineering Exam, Passed on August 1, 2022. Florida Board of Professional Engineers.

RELEVANT COURSEWORK

Construction Management, Subdivision Design, Soil Mechanics, Water/Wastewater Engineering, Solid Waste Management, Applied Hydraulics, Capstone Design I, Pollution Prevention, and Hydrologic Engineering

TECHNICAL SKILLS

Software: Microsoft Office, AutoCAD, Revit, Civil3D, Mathcad, Maple, Sure Track, MS Project, C++

ACADEMIC PROJECTS

Coastal Resiliency Center Design Project (*Capstone Design I, Fall 2020*)

Responded to a Request for Proposal, prepared a Phase 1 Environmental Site Assessment, created site plans and floor plans, and conducted an engineering alternative analysis. Performed a boundary survey on the site.

Hydro-systems Research Laboratory (*Undergraduate Research DIR, Summer 2020*)

Conducted research on climate variability and precipitation processes using advanced spatial interpolation and geo-statistical methods to obtain calibrated site-specific rain-radar (NEXRAD) relationships.

EXPERIENCE

HSQ Group, Inc. Boca Raton, FL
Engineering Intern August 2018 - Present

- Collect soil and groundwater samples for testing following USEPA standard guidance.
- Implement protocols to test, operate, and, if necessary, modify equipment used to clean up soil and groundwater contamination.

Florida Department of Environmental Protection West Palm Beach, FL
Environmental Engineering Specialist Intern May 2018- August 2018

- Processed applications for Title V air operation permits.
- Reviewed permit applications in a timely manner for completeness, technical accuracy, and federal/state compliance.

ACTIVITIES

Florida Water Environment Association, *Member* August 2017 - Present
Air and Waste Management Association, *Student Chapter Vice President* November 2017 - Present

LANGUAGES

Fluent in the written and oral communication of English and Portuguese



FAU CAREER CENTER

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