

Andrew Sheerin

Profile

Dedicated graduate student seeking a full or part time position as an environmental engineer. Highly organized and detail oriented, with advanced data analysis and project management abilities. With a technical background and strong problem-solving skills, my goal is to deliver innovative solutions for a sustainable future.

Education

M.S. in Civil and Environmental Engineering, University of Rhode Island

JANUARY 2021 — PRESENT

- GPA: 4.00
- Focus on water quality analysis and modeling

B.S. in Engineering Management and Systems Engineering, Minor in Sustainability, The George Washington University

AUGUST 2015 — MAY 2019

- GPA: 3.12
- Division I Student Athlete, Varsity Sailing Team

Employment History

Water Quality Analyst Intern, Clean Ocean Access, Newport, RI

MAY 2021 — PRESENT

- Helped lead and organize water collection procedures in to evaluate water quality status and trends in coastal areas
- Independently developed a water quality model to predict enterococci levels in beach areas with respect to several environmental parameters.

Sailboat Racing Coach, Sail Newport, Newport, RI

JUNE 2015 — PRESENT

- Coached sailors (aged 14 - 18) the complicated tactics and strategies of 420 racing at a local and national level.
- Developed excellent communication and management skills by performing daily briefings and scheduling practice plans and travel logistics.

Sustainability Consultant Intern, PM Consulting, Newport, RI

AUGUST 2020 — NOVEMBER 2020

- Collected data on the client's global supply chain into an organized database in order to calculate a Scope 1 and 2 carbon emissions report.
- Developed a user-friendly automated tool to help the client track their future carbon emissions to achieve their ESG policy.

Systems Engineering Intern, SEA Corp, Middletown, RI

JUNE 2018 — AUGUST 2018

- Evaluated submarine system's power and heat load distribution to determine potential areas of concern.
- Maintain meticulous logs and records of database and delivered weekly reports depicting recommendations to the project manager.

Coursework Experience

Sustainability Research Project, Fresh Air DC

- Implemented air quality sensors throughout Washington D.C. to gain insight on air pollution status and trends.
- Compiled a database and conducted a regression analysis to determine the correlation between air pollution and seasonal weather conditions.

Details

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Skills and Applications

Project Management	
Data Analysis	
Design and Modeling	
Requirements Analysis	
Technical Writing	
Environmental Planning	
Water Quality Analysis	
Air Quality Analysis	
Microsoft Office	
ArcGIS	
Minitab	
Python	
SQL	
SolidWorks	