



# NEEL C. CHAKRAVARTTY

ENVIRONMENTAL ENGINEER | UCONN 2022

## SKILLS

Public Speaking

- Small groups (1-10)
- Large groups (100+)

Experience with software:

- Excel
- Word
- PowerPoint
- CAD

EMT

Coding experience

- python
- java
- use of github/bitbash

Advanced Open Water Dive  
Certified

Underwater photography  
Certified

## ACADEMIC ACHIEVEMENTS

Mc Nair Scholar

## WORK EXPERIENCE

**LAB INTERN • HARBOR WATCH • FALL 2016**

Tested water quality from various locations along the Indian River and presented findings to city and business officials

**SURVEYOR • HARBOR WATCH • SUMMER 2016**

Surveyed local sea life of the Norwalk Harbor on a trawl, weekly

**INTERN • M.C. LAW GROUP • SUMMER 2016**

Organized and faxed important legal documents

## EDUCATION/RESEARCH

**2018 • FAIRCHILD WHEELER INTERDISTRICT MAGNET HIGH SCHOOL**

Capstone on the effects of genetically modified bioluminescent E. coli on Nicotiana benthamiana

**2020 • University of Connecticut • Biosensor Development**

Worked on developing a biosensor that can withstand environmental factors whilst giving accurate readings

**2019-2020 • University of Connecticut • Microbial Fuel Cells**

Researched on how to increase efficiency of a microbial fuel cell through use of algae, oxidation methods, and byproduct recycling

## VOLUNTEER EXPERIENCE OR LEADERSHIP

- Head of Communications team for constructing a trail on school/public property. Spoke with city and state officials



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NEEL-CHAKRAVARTTY

Yale Book Award

Dean's List Engineering

3.10 GPA

to obtain permission to build on city grounds.

- Helped maintain a community farm by watering, planting, and repairing irrigation for crop beds.
- Fundraised 1000+ for cancer research