

EDUCATION

- **University of California Santa Barbara** Santa Barbara, CA
Bachelor of Arts in Environmental Studies; GPA: 3.8 Sep. 2019 – 2022
 - **Relevant Coursework:** Environmental Economics, Environmental Law, Ocean Policy, Organic Chemistry
- **University of Washington** Seattle, WA
Bachelor of Science in Oceanography; GPA: 3.6 Sep. 2022 – Current
 - **Relevant Coursework:** Marine Biology, Marine Geology, Marine Chemistry, Marine Ecology

EXPERIENCE

- **Research Assistant in Environmental Studies Department, UCSB** Santa Barbara, CA
Research Assistant Jan 2021 - Aug 2022
 - **Plastic Pollution Study:** Participated in a research project studying the impact of plastic pollution on marine ecosystems. Collected and analyzed samples, prepared reports, and contributed to the publication of our findings in a leading environmental science journal.
 - **Community Outreach:** Organized and led community outreach programs to educate the public about environmental issues and sustainable practices.
 - **Environmental Impact Assessment:** Assisted in conducting an environmental impact assessment for a proposed construction project. Our report influenced the decision to implement additional mitigation measures to protect local wildlife.
- **Student Researcher in Oceanography Department, UW** Seattle, WA
Student Researcher Sep 2022 - Present
 - **Ocean Acidification Study:** Currently leading a study investigating the effects of ocean acidification on shellfish populations in the Puget Sound.
 - **Data Analysis:** Regularly perform data analysis using tools such as Python and R to interpret and visualize data collected during our research.
 - **Fieldwork:** Conduct regular fieldwork to collect samples and monitor local marine ecosystems.

PROJECTS

- **Estuary Restoration Project (GIS / Ecology):** Conducted a comprehensive ecological assessment for a local estuary restoration project. Used GIS tools to map the area and identify key restoration targets. Presented findings to local stakeholders and helped secure funding for the project.
- **Climate Change Impact Assessment (Climate Modeling / “latex Data Analysis):** Completed a climate change impact assessment for the Santa Barbara region. Used climate models to predict future temperature and precipitation patterns. Results were used to inform local climate change mitigation strategies.
- **Microplastics in Marine Food Chain (Marine Biology / Chemistry):** Investigated the presence and effects of microplastics in the marine food chain. Conducted laboratory tests to determine plastic content in various fish species.
- **Coral Reef Health Monitoring (Marine Biology / Data Analysis):** Developed a monitoring system for coral reef health in a popular snorkeling area. Used underwater photography and image analysis techniques to assess coral health and diversity over time.
- **Ocean Acidification Monitoring (Oceanography / Data Analysis):** Set up an ocean acidification monitoring station in Puget Sound. Collect and analyze data on a regular basis to track changes in water chemistry.
- **Sustainable Campus Initiative (Sustainability / Community Outreach):** Led a student initiative to reduce waste and increase recycling on the UCSB campus. Organized events, coordinated with campus administration, and successfully implemented several key initiatives.

SKILLS

- **Field Work Skills:** Water Quality Testing, Soil Sampling, Ecological Surveying, GPS Navigation
- Laboratory Skills:** Microscopy, Spectrophotometry, Water Soil Analysis **Software Skills:** ArcGIS, QGIS, MATLAB, R (tidyverse, ggplot2), Python (numpy, pandas, matplotlib)