

TAYLOR HACKBART
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SUMMARY

Highly focused research professional with a background in oceanography. Trained in meticulous data collection and analysis. Driven by a passion for marine life and scientific research, matched with a positive and high-energy attitude.

SKILLS

- Creates and analyses observational and experimental studies including:
 - Western blotting to detect specific proteins
 - Creating pH buffers to obtain targeted pH solutions
 - Polymerase chain reaction techniques to further understand various DNA strands
 - Presence and absence/ percent cover/ abundance and biodiversity sampling
 - Manipulating one or more variables for short and long-term studies
- Knowledge of biological statistical methods
- Familiar with the statistical program "R"
- Knowledge of laboratory techniques and safety procedures

EXPERIENCE

08/2013 to 12/2016 Student

University of Oregon- Eugene, Oregon

The Oregon Institute of Marine Biology- Charleston, Oregon

- 2+ years of chemistry and biology lab experience
- Analyzed data using statistical analysis
- Used various staining protocols to visualize morphological differences
- Created and implemented various observational and experimental studies using seining, trawling, transects and quadrants
- Worked along side the Oregon Department of Fisheries and Wildlife
- Used microscopes to measure organisms and track experimental progression
- Fertilized fish eggs and tracked their growth into juvenile stages
- 3.65 GPA at The Oregon Institute of Marine Biology

04/2017 to 09/2017 Scientific Monitoring Intern

Global Vision International- Quintana Roo, Mexico

- Meticulous data collection relating to the decline of the coral reef
- Specialized in coral and their diseases, predation, bleaching and overall health
- Recorded and tested salinity in the ocean
- Organized and was in charge of monitoring data input
- Trained others for scientific monitoring and proficient data collection

EDUCATION

2016 Bachelor of Science- General Science

University of Oregon- Eugene, Oregon

Minor- Biology

CERTIFICATIONS

Coral Reef Reacher Diver

DiveMaster

Cora Watch Leader