

Amina Patel

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SUMMARY

Dedicated and passionate marine biologist with hands-on experience in field research and ecosystem monitoring. Strong background in data analysis and marine conservation practices, eager to contribute to sustainable marine management initiatives.

EXPERIENCE

Research Assistant

Jun 2022 - Present

Oceanic Research Institute, Miami, FL

- Assisted in data collection for a coral reef restoration project, resulting in a 25% increase in coral cover over six months.
- Conducted water quality assessments and analyzed results, which improved local conservation strategies by identifying key pollutant sources.
- Utilized GIS software to map and analyze marine habitats, enhancing research accuracy and efficiency.

Intern

Jan 2021 - May 2022

Marine Conservation Society, Fort Lauderdale, FL

- Participated in community education programs, increasing local engagement in marine conservation by 40%.
- Supported field studies on marine species behavior, contributing to a comprehensive report that was presented to local stakeholders.
- Managed data entry and analysis for research projects using R and Excel, reducing data processing time by 15%.

Volunteer Marine Biologist

Sep 2019 - Dec 2020

Coral Watch Program, Key Largo, FL

- Assisted with underwater surveys of coral health, contributing to a database that is used for ongoing research.
- Collaborated with a team of biologists to develop educational materials that increased public awareness of coral reef conservation.
- Gathered and analyzed field data, leading to improved methodologies for assessing coral reef ecosystems.

EDUCATION

Bachelor of Science in Marine Biology

May 2018

Florida International University, Miami, FL • GPA: 3.7

SKILLS

Technical Skills: Marine Ecosystem Analysis, Data Collection and Analysis, Water Quality Testing, Field Research Techniques

Tools & Frameworks: R, GIS Software, Excel, SPSS