

Sydney Beckett
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Skills

- Managed midsize research projects - on time and under budget
- Performed field studies, collected data, and proposed mitigation strategies
- Communicated complex ideas, including scientific data, to multiple audiences, both verbally and in writing
- Knowledge of R Studio, Google, Excel, Microsoft, and Adobe
- Proficient in analyzing contaminated water and sediment
- Emphasis on collaborating with stakeholders and solving problems

Experience

August - November 2024

University of Queensland - *Researcher*

Conducted experiments and field research on Stradbroke and Heron Islands. On the former, my goal was to determine the prevalence and impacts of microplastics on local food chains, so I studied soldier crabs. On Heron Island, I analyzed the impact of a seawall on the fish abundance and diversity. These projects allowed me to perform pollution assessments, work on restoration ecology, examine statistical analysis (using R Studio) and communicate scientific concepts.

September 2023 - Present

Sea League - *Environmental Mentor & Lead Instructor*

Worked as a lead coach and instructor at an after-school program for low-income children, helping them learn about, and develop a connection to, the ocean through hands-on educational activities about the intertidal ecosystem and environmental stewardship.

August 2023- June 2024

UCSB Office of Sustainability - *Garden Manager*

Managed a community-based project where I cultivated a 6,400 sq. ft. garden, coordinated seasonal plantings, and organized volunteer events to engage community participation. I considered weather conditions, soil health, and the preferences of community members.

June 2021 - December 2022

Wavelengths Surf Shop - *Cashier*

Provided customer service, handled financial transactions, managed inventory and restocked shelves, maintained a visually appealing environment, and resolved customer issues.

Education

September 2022 - Present

University of California Santa Barbara - *Environmental Studies (B.S.)*

Average cumulative GPA of 3.56