

# Daniel Notcovich

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## **Education:**

2020- present- **University of California Santa Barbara**- Bachelor of Science in Environmental Sciences Focus on: Biocontrol, Conservation, and Land Management

2016-2020 **Northgate High School**

## **Professional Experience**

October 2022- March 2024

### **Biocontrol Lab:**

Research Assistant in the Ecology Department at UCSB, under Professor Tom Dudley, on the Santa Clara River Project. Involved in evaluating the impact of Arundo invasion and exploring biological control methods for invasive plants like tamarisk and Cape ivy. Currently developing a research station to support studies on native and non-native species, emphasizing ecological restoration, biodiversity protection, and agricultural sustainability in the Santa Clara River floodplain ecosystem."

October 2023- December 2023

### **Research Experience: Monteverde Insitute**

Extensive research on coffee berry borer behaviors at Cafe Monteverde, Finca LIFE, in Costa Rica, identifying a preference for mature red berries over less mature ones. 101 choice experiments across various maturation stages, informing the development of targeted biocontrol methods. The findings contribute to sustainable agricultural practices, reducing reliance on agrochemicals and supporting the health of small-scale coffee farms. This work supports global efforts towards eco-friendly and socially responsible farming.

June - August 2022

### **Biolog: R&D Intern**

Contributed to a biotech startup specializing in microbial identification technology, phenotypic cell profiling, and metabolic fingerprinting for bacterial and mammalian cells. Conducted lab work, including preparation of chemical identifiers, reagent handling, and quality control assays. Collaborated with the R&D team to identify and report bacterial species for a comprehensive 3,000-bacteria database

July 2019

**Biodesy Intern Lab Assistant**

Prepared and ran the performance of biochemical assays in a drug discovery startup company. Prepared plates and chemicals and labeled proteins with fluorescent tags. Quality Control and troubleshooting products developed by the company

**Customer Service experience**

2020-2021: **Lottie's Creamery:** Customer Service

Served ice cream, was cashier, and assisted customers.

2019-2020 **Afuga Coffee** Barista

Manage the stand, assist customers, and serve espresso coffee drinks.

2019 **Ygnacio Wood** Seaponies Assistant Coach

Assisted Ygnacio Wood sea ponies swimmers with the swim lessons over the summer.

**Volunteering Experience:**

2016-2020 **Shevet Egoz** Head Counselor and Found

Shevet Egoz is a nonprofit organization opened by teenager to develop leadership skills among Hebrew-speaking teens.

Led weekly activities and organized the community to assist and encourage identity development in groups of 50 students between ages 6 to 15.

2019 **Ygnacio Wood** Swim Team Coach

Assisted and trained swimmers for the summer, teaching them how to swim and compete simultaneously

2018 **Global Leadership Adventures** community service project in the Dominican

Republic. We built houses, recycling centers, and basketball courts in small rural underprivileged communities.