

Briana Barajas

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EDUCATION

Master of Environmental Data Science, 4.00 GPA (Expected June 2024)

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Highlighted Coursework: Geospatial Analysis & Remote Sensing, Machine Learning in Environmental Data Science, Databases & Data Management (all to be completed by June 2024)

Bachelor of Science in Zoology, 3.30 GPA (June 2022)

University of California, Santa Barbara (UCSB)

Research: Meta-analysis compiling data on large herbivore diets (Ruby Harris-Gavin)

Leadership/Involvement: Associated Students Recycling - Route Coordinator, Finance Chair - MAPAS

EXPERIENCE

Agricultural Technician II (11/22–07/23)

California Department of Food & Agriculture, Lompoc, CA

- Monitored insect traps across 30 sq. miles of Santa Barbara County to aid in early detection and eradication of invasive agricultural pests
- Mapped properties by hand and with interactive maps (CalTrap) to maintain a record of insect trap placement and host trees
- Communicated the importance of early pest detection to homeowners to boost program awareness and increase access to viable insect-trapping sites

Traffic Control Aid (seasonally 06/22–10/22)

National Park Service, Yosemite Valley, CA

- Informed visitors about reservation policies and offered alternative recreation opportunities nearby in order to maintain established visitor limits
- Expedited traffic flow to increase visitor safety by redirecting vehicles around hazards such as wildfire closures, animal crossings, or vehicle collisions

Routes Coordinator (2/22–6/22)

Associated Student Recycling (UCSB), Santa Barbara, CA

- Trained new hires on Santa Barbara County waste sorting protocols to promote waste reduction initiatives across the UCSB campus
- Organized quarterly meetings to provide employees with updates on outreach, special projects, and policy changes to maintain the team's efficiency in a collaborative manner
- Detected potential areas for improvement by servicing waste in bins across campus, making note of maintenance or signage needs

ADDITIONAL EXPERIENCE

Route Rider – Associated Student Recycling (UCSB), Santa Barbara, CA (06/21–02/22 and 01/20–06/20)

Sales Associate – Navy Exchange, Port Hueneme, CA (9/20–6/21)

Snowy Plover Intern – Coal Oil Point Reserve, Santa Barbara, CA (10/18–6/19)

SAMO Youth Member – National Park Service, Thousand Oaks, CA (seasonally 6/18–9/18)

SKILLS

Technical: Microsoft Office, Google Workspace, Spanish (limited working proficiency)

Programming: R, Python, IDEs (RStudio, Visual Studio Code)