

DYLAN FREEBAIRN-SMITH

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Skills Summary

- GIS, RStudio, Spatial and Ecological Data Analysis, Microsoft Office
- Environmental Data Collection
- Project Development and Execution

Education

University of California, Santa Barbara (UCSB), Goleta, CA

October 2020-June 2024

Environmental Studies B.A.

- Emphasis in Geography
- Major GPA - 3.97
- Cumulative GPA - 3.71

Relevant Coursework

Field Study of California's Coast

- Performed native plant identification and vegetation transect surveys.
- Visited 5 coastal restoration projects on dunes, saltmarshes, and estuaries.
- Research project on the effects of seasonal changes in kelp forest density on beach wrack and beach productivity.

Intro to GIS, Technical Issues in GIS, GIS Applications

- 3 course series on spatial data management and display in ArcGIS Pro, Technical issues underlying geographic information systems, and GIS project development and execution
- Planning, design, analysis, and presentation of a GIS pilot study on Suitable Areas for Fire Mitigation in Yosemite National Park.
- Currently analyzing suitable prescribed burn areas in Yosemite.

Stats for Environmental Science

- Covered descriptive statistics, analyzing differences between populations, hypothesis testing, regression analysis, and types of bias.
- All topics applied in RStudio data analysis and visualization.

Applied Ecology

- Ecological concepts discussed in the context of current challenges in environmental management and conservation.

Public Lands and Water - Law and Policy

- Co-wrote and presented a mock Congressional Testimony for revisions to the 1872 General Mining Act on royalties and environmental bonding.

Principles of Environmental Planning

- Attended a city council meeting on the implementation of a project within the Coastal Zone and completed a comprehensive field report on the outcome of the decision and what the Staff Report detailed.

Natural Science Education Practicum

- Taught nine different groups of 5th grade students an ecological lesson designed by myself and two other students that adhered to NGSS and Civic Science Education Standards.

Jobs / Experience

Server / Prep Cook

June 2023-September 2023

The Pier Place, Point Arena, CA

- Opened closed front of house, served and tended to multiple tables at a time, worked with the kitchen and other servers to send out orders in a timely fashion while preserving quality and service. (2 - 3 days a week)
- Opened the kitchen and prepped food for the day. Resupplied the line with prepped food as needed. Filled in line cook positions as needed. (2-3 days a week)
- Francine Carlon | 1 (707) 495-2864

Student Server

May 2022-September 2023

Campus Catering, Goleta, CA

- Functioned with a team of students to set up multiple catering events all around campus with and without supervisors each day.
- Interacted with customers in a friendly and efficient manner.
- Alex Ewing | 1(310) 948-9149

Pizza Cook

April 2021-August 2022

Point Arena Pizza, Point Arena, CA

- Spent summers working with a two-cook team to build, cook, and serve over 70 hand stretched brick oven pizzas per night in a timely manner while preserving quality.

- Was given the responsibility of cleaning, closing, and locking the establishment at the end of each shift.
- Di Scott | 1 (707) 318-4174

Kayak Renter and Guide

May 2019-September 2020

Adventure Rents, Gualala, CA

- Managed daily kayak reservations to ensure reserved boats were not rented to walk-ins.
- Guided customer groups of up to 16 people through insurance paperwork, boat choice, safety equipment sizing, boat use lessons, boat carrying, and trip guidance.
- Cassie Moore | 1(707) 671-6665

Watershed Survey Assistance

July 2019

Gualala Watershed Council, Gualala, CA

- Marked and cataloged large woody debris using a metal tagging system and collected depth data.
- Installed water and air temperature gauges in local watersheds.
- Sean Case | 1(707)593-6713