

Kate Frankland

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Current student at the University of California, Santa Barbara, aspiring to work in corporate sustainability.

EDUCATION

College of the Canyons Santa Clarita, California —

August 2020 - June 2023

Associates Degree in Liberal Arts and Sciences with a Health Science Emphasis

Associates Degree in Liberal Arts and Sciences with a Social and Behavioral Science Emphasis

University of California, Santa Barbara Santa Barbara, California — *B.S. in Environmental Studies*

August 2023 - June 2025

Currently working towards a B.S. in Environmental Studies with an emphasis in Geography.

Relevant Coursework:

Energy and the Environment: Explored various forms of energy and their environmental and justice related consequences. Analyzed energy economics, including finding the levelized costs of energy and costs of different power sources. Wrote policy memos addressing energy challenges and solutions that should be implemented.

Low Carbon Societies: Focused on decarbonization and strategies that could help transition to a low carbon society. Looked at past and current policies, analyzing their benefits and downfalls.

Environmental Impact Analysis: Examined the California Environmental Quality Act (CEQA) Guidelines, and further focused on how to create mitigation strategies and determine the significance of environmental projects.

Circular Economies: Studied the principles of circular economies and the potential they have to limit waste and expand product lifespan, from extraction to disposal.

Introduction to Geographic Information Systems: Gained experience using ArcGIS for spatial analysis and geographic data interpretation, solidifying a basic understanding of environmental patterns and relationships through this software.

Intro to Data Science: I was introduced to computer programming and statistical interference, utilizing real world datasets to create and evaluate tables, graphs, and charts using python.

Intro to Computer Science: Expanded python skills by learning about algorithm development and thinking, debugging, and data types. Collaborated on a final project to create a photo collage, using

python to input files, resize, join, overlap, and apply color tints.

EXPERIENCE

Materials Research Laboratory at UC Santa Barbara, Santa Barbara, California — *Lab Assistant*

June 2024 - Present

Currently assist with tasks in the X-Ray Development Facility, including organization and maintenance, sample preparation, and creating CAD models through AutoDesk Fusion.

Santa Barbara Wildlife Care Network, Santa Barbara, California — *Animal Husbandry and Helpline Team*

May 2024 - September 2024

As a volunteer, I gained experience handling injured and orphaned wildlife while following specific guidelines. Answered phone calls assisting the public with wildlife concerns and logged each call into a spreadsheet. Contributed ten hours per week to the wildlife center over the course of five months.

Next Level Physical Therapy, Santa Clarita, California — *Physical Therapy Aide*

February 2023 - August 2023

As a volunteer, I shadowed lead physical therapists and physical therapy assistants for five hours a week. With the guidance of physical therapy aides, I assisted patients with exercises and injury prevention techniques.

Joe's Cafe, Granada Hills, California — *Server*

July 2021 - August 2023

Learned how to operate a POS system efficiently and became food handler and responsible beverage certified. Trained at the EXPO station and memorized the menu and ingredients of each item, ensuring each dish that came out of the kitchen was accurate and on the way to the correct table. In this bustling restaurant, I constantly multi-tasked, taking care of up to six tables simultaneously while communicating with fellow servers and staff to provide excellent customer service.

Nesmon Cafe, Sherman Oaks, California — *Server/Barista*

March 2021 - July 2021

Operated an espresso machine and prepared a variety of beverages. Maintained a clean kitchen environment, took orders, and served customers, ensuring they had a pleasant experience.

PERSONAL INTERESTS

My personal interests include surfing, ballet, reading scientific and psychological literature, and working on creative coding projects!