

KALI OLMSTED

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EDUCATION

University of California Los Angeles

B.S. in Statistics and Data Science, GPA: 3.6

Expected June 2025

Cornell University

Machine Learning Foundations e-Certificate, Break Through Tech

August 2024

Skills:

Coding Languages: Python, R, LaTeX

Tools: Jupyter Notebook, NumPy, Pandas, ggplot2, tidyverse, dplyr, Excel, Microsoft Office

WORK EXPERIENCE

Sunnie

Los Angeles, CA

Operations Intern

December 2024 – Present

- Analyzing operational data in Excel to track key metrics and **optimize processes** with data-driven insights
- Building a **Python** script utilizing OCR, reggex, and Google Sheets API to extract data from scanned PDFs and auto-fill spreadsheets
- Coordinate freight pickups by scheduling with carriers and managing timely deliveries

Geothara

Los Angeles, CA

Data Analyst Intern

August – December 2024

- Implemented **Python** scripts with GeoPandas and Matplotlib to process geospatial data, extract key features, and build functions for advanced data analysis
- Collaborated with teammates and advisor, managing meetings and task delegation to ensure project progress
- Developed varying **Machine Learning** models to predict river cross-sections in unmeasured areas using KNN, CART, and random forest algorithms

PROJECT EXPERIENCE

Women in Data Science (WiDS) Datathon

Data Analyst

January 2025 – Present

- Leading a team in developing a multi-outcome **machine learning model** to predict ADHD diagnosis and sex using functional brain imaging and socio-demographic data.
- Merging datasets and initiating **data cleaning**, including removing missing values and creating dummy variables for categorical features

Food Security Analysis in California

Data Specialist

January 2025 – Present

- Reshaping and pivoting data to improve usability, optimizing dataset structure for visualization and modeling
- Utilizing dplyr in **R** to clean, filter, and summarize data, creating new variables to enhance analytical depth

LEADERSHIP

Break Through Tech AI

AI Program, Member

March 2024 – Present

- Participant in 12-month long program including **Machine Learning coursework** with Cornell faculty, experiential learning experiences, and mentorship from industry professionals

Islands Restaurant

San Diego, CA

Lead Server

September 2020 - September 2023

- Led as a top-performing server, efficiently managing up to 8 tables in a fast-paced environment.
- Trained and mentored over 10 new employees, ensuring they adapted quickly to service standards and operational procedures.