

# Vincenty (Vince) Front

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## EDUCATION

### University of California, Los Angeles (UCLA)

June 2023

B.S. Statistics and Data Science, Environmental Systems and Society Minor

#### Cumulative GPA: 3.78/4.00, Dean's Honor List

Relevant Coursework: Data Mining and Machine Learning, Time Series Analysis, Advanced Microsoft Excel, Microsoft Excel Macros and VBA, Monte Carlo Methods, Probability and Statistics, R Programming, Experimental Design

## EXPERIENCE

### Five Acres—The Boy's and Girls' Aid Society of Los Angeles

Altadena, California

*Clinical Data Analyst*

April 2024 – Present

- Design, develop, and integrate data storage and reporting systems and gather clear and concise requirements for data reporting requests and documents specifications in an organized manner
- Showcase patterns, insights, and trends in user-friendly data reports that also provide recommendations for decision-makers
- Effectively engage private healthcare professionals in face to face discussions surrounding Five Acres service array and associated effectiveness to develop and maintain relationships with private health care leaders

### Data Science Union at UCLA

Westwood, California

*Data Scientist*

April 2021 – June 2023

- Specialized in data cleaning, visualization, dashboard creation and ML model development in R, Python, and Tableau
- Undertook a Python and SQL program for data science including webscraping, data manipulation and machine learning

### UCLA Library Data Science Center

Westwood, California

*Project Manager*

July 2022 – June 2023

- Optimized workflows to lead data science consulting team to complete 50+ consultations and 10+ research projects
- Helped double incoming clientele by creating automated business reports in R and expanding organizational outreach
- Acted as main liaison between consultants, supervisors, and stakeholders, cleaning data and creating visuals ad hoc

## PROJECTS

### Analyzing Power Outages After Hurricanes for Private Client

January 2023 – March 2023

*Data Scientist*

- Conducted text mining in Python on 1000+ row dataset of descriptions to find keywords for damaged infrastructure
- Converted time data from text to integers in Python to determine power restoration times after hurricanes
- Created [choropleth maps](#) of outage locations in order to present power restoration times to stakeholders

### Predicting MLB Playoff Teams

*Project Lead & Data Scientist*

June 2022 – October 2022

- Led a team of 8 data analysts to develop models predicting if professional baseball teams would make the playoffs
- Webscraped, combined, and cleaned 8 660-row datasets leveraging Python's BeautifulSoup, pandas, and scikit learn
- Produced [dashboards](#) and developed logistic regression, decision tree, and k-means models with up to 88% accuracy
- Orchestrated project meetings and taught project members Tableau, GitHub, Python, and working in the shell
- Developed project workflow, managed the project [GitHub repository](#), and produced a [Medium article](#) with the results

### Developing Matching Algorithm for Private Client

January 2022 – May 2022

*Data Scientist*

- Accessed customer data from an API and expanded music preference data into multiple columns using Python's pandas
- Leveraged cosine similarity in Python's scikit learn to develop a matching algorithm using music preferences for the stakeholder to use in the development of their product

## SKILLS

Programming Languages: R (base, tidyverse), Python (pandas, BeautifulSoup, matplotlib, scikit learn, nltk, mysql), SQL

Other Tools: MySQL, Microsoft Excel, Tableau, Shiny, GitHub, Power BI, OpenRefine, Microsoft Office, LaTeX