
EDUCATION

University of California, Los Angeles (GPA: 3.80) (Sep. 2023 - Dec. 2025)

Major: *Statistics and Data Science* (Major GPA: 3.98)

Minor: *Mathematics*

Relevant Coursework: Probability, Mathematical Statistics, Linear Models, Programming in Python, R, C++, Regression Analysis, Data Mining, Optimization, Monte Carlo Methods, Experimental Design, Linear Algebra.

Foothill Community College (GPA: 3.98) (Sep. 2021 - Jun. 2023)

Degree: *Associate of Economics* (High Honors)

SKILLS

Programming Languages: Python (Libraries: *NumPy*, *pandas*, *matplotlib*, *seaborn*), R (Libraries: *tidyverse*, *ggplot2*, *dplyr*, *stringr*, *rvest/polite*), C++.

Applied Statistics: Probability/Statistical Theory, Exploratory Data Analysis, Data Visualization, Regression and Classification Modeling, Experimental Design and Power Analysis (G*Power).

Additional Skills: Optimization and Numerical Methods, Excel, Jupyter Notebook, R Markdown, Git and GitHub, LaTeX, Google Sheets, PowerPoint, Experience with Collaborative Work.

PROJECTS

- **Regression Modeling of Amazon Customer Data** - (five-person team) Developed and implemented a random forest model on a large dataset to predict Amazon customer spending.
- **Election Outcome Prediction Using Classification Models** - (five-person team) Developed and implemented a gradient-boosted tree model to predict county-level outcomes in the 2020 presidential election.
- **Multiple Linear Regression Analysis** - Performed exploratory analysis, data visualization, and model selection using stepwise regression to fit a linear model to a dataset.
- **Implementing Optimization Techniques and Numerical Algorithms** - Implemented algorithms such as Gradient Descent and its variants, BFGS, K-nearest neighbors, K-means clustering, and PCA.

WORK EXPERIENCE

Engineering Intern: (Jun. 2018 - Aug. 2018) and (Jun. 2019 - Aug. 2019)
Rinne & Peterson Inc. Palo Alto, CA

Backed up the company's documents and CAD drawings so senior engineers could access them more easily. This project was part of a greater digitalization process of the company's files, which helped to save the company valuable time and resources.

Server, YAYOI:
YAYOI Hillsdale (Jun. 2024 - Sep. 2024)
YAYOI Palo Alto (Feb. 2022 - Sep. 2023)

I was responsible for supervising my staff, tabulating daily sales, and training new hires. My leadership helped to ensure operations ran smoothly.

Server: (Jun. 2018 - Sep. 2021)
Taverna Palo Alto, CA

Performed tasks such as waiting tables, cleaning, and fulfilling other restaurant duties.