

Joy Lin

📍 Los Angeles, CA | US Permanent Resident 📞 (480) 881-2607 ✉️ jiyi.lin.2024@anderson.ucla.edu 🐙 github.com/joyjiayilin

EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

Master of Science in Business Analytics (MSBA)

Expected Dec. 2024

- Machine Learning, Optimization, Data Management, Prescriptive Models, Operations, Competitive, and Customer Analytics
- UCLA Anderson Merit Fellowship Recipient

UC BERKELEY

Berkeley, CA

Dual Degree: B.A. Statistics, B.S. Nutritional Science—Dietetics

May. 2023

- Causal Inference, Time Series, Linear Modeling, Biochemistry and Molecular Biology, Metabolic Health and Diseases

PROFESSIONAL EXPERIENCE

HAAS SCHOOL OF BUSINESS

Berkeley, CA

Research Analyst

Mar. 2023 – July. 2023

- Quantified and analyzed patterns of abortion supports by Fortune 250 companies, establishing a playbook which led to stronger social influence in business cases to advocate reproductive rights.
- Developed dynamic trend analyses and conducted in-depth statistical breakdowns using **Shinyapps**, resulting in more efficient team communication and increased client satisfaction.

HADDEE EDUCATION

San Diego, CA

Marketing Analyst Intern

Apr. 2022 – Sept. 2022

- Forecasted trends of U.S. teacher salary fluctuations and analyzed factors related to student performance, identifying a stronger correlation of student performance with student demographics over teacher salaries by **28%**.
- Designed web-based interactive dashboards using **Tableau** and managed social media production, increasing management efficiency by reorganizing website modules and improving marketing performance by gaining **10K+ views**.

NORSK HYDRO

Phoenix, AZ

Quality Analyst Intern

Jul. 2022 – Aug. 2022

- Analyzed data from dimension, crushing, and pole tests of automobile part samples and identified possible confounding variables in quality test results using **tidyverse** in R, adjusting procedures and optimizing lab efficiencies by **12%**.
- Conducted an in-depth process flow analysis for extrusion operations and reduced downtime by **16%**.

HEALI AI

Santa Monica, CA

Nutrition Data Analyst

Oct. 2021 – Aug. 2022

- Implemented a database of ingredients for compliance among different food categories using **MySQL**, improving irritable bowel syndrome with research and study design of low-FODMAP diet.
- Collected, reviewed, and validated statistics on nutrient content, recipes, and diseases from public databases, shifting company's focus on diet adherence as the most pervasive barrier in dietary treatments based on **50+** literature reviews.

DATA ANALYTICS PROJECTS & CHALLENGES

Causal Inference Project: Analyzed causation between holiday travel advertising and COVID-19 infections, replicated and compared with and without covariates and interaction, justifying inference methods used in literature.

Time Series Project: Compared different time series models such as **ARMA** and **ARIMA** for a best fit for the closing values of DOGE cryptocurrency, predicting fluctuations for the next 10 years.

Latent Semantic Indexing Project: Performed text analysis by finding most associated words with each topic, using **Python** and word-topic matrix, investigating Google's page rank algorithm to rank web pages based on importance.

SparkED Datathon: Entered 2nd round with **Alteryx Designer Core Credential**.

Data 4 Good Competition: Led team to conduct text analytics with **Microsoft Certified: Azure Fundamentals**.

LEADERSHIP

- Served as the "Best Teaching Assistant" for two **R Programming** courses of 400 students at UC Berkeley.
- Planned 8 events as a Student Ambassador at Newman Catholic Center, bridging students from China to the U.S. cultures.
- Published 400k-word fictions and 30k-word educational articles in English and Mandarin, earning over 300k views.