

# KEVIN NGO

San Jose, CA

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## Education

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

Expected Jun 2026

Bachelor of Science in Statistics & Data Science, Minor in Data Science Engineering

GPA: 3.94/4.00

- Relevant Coursework: Probability, Data Structures and Algorithms, Linear Algebra, Regression, Linear Models, Machine Learning, Computer Vision, Experimental Design, Database Management Systems, Causal Inference, Data Mining

## Experience

### Capital One

Jun 2025 - Aug 2025

Data Analyst Intern

McLean, VA

- Reduced retrieval time of historical credit bureau reports from minutes to seconds by onboarding a monitoring SQL script to an internal platform, improving report accessibility for stakeholders managing 60K+ daily customer cases
- Established an auditable, documented script review process, by registering the script to a governance platform, eliminating fragmented communication between the data analyst and credit bureau disputes teams
- Prevented data-syncing issues that would have resulted in inaccurate results for 3 daily reports used by the credit bureau disputes team by identifying upstream data changes and correcting the reporting scripts on Databricks

### UCLA Fielding School of Public Health

Mar 2025 - Aug 2025

Undergraduate Researcher

Los Angeles, CA

- Built a comprehensive, nationwide dataset of 2M+ alcohol retailers as part of a CDC-funded research initiative, supporting an analysis evaluating the effectiveness of firearm-restricting policies across 3K+ counties
- Reduced data cleaning time from 1 day to 3 hours per state by designing data preprocessing scripts using R, and created clear onboarding documentation for new student researchers
- Mapped county-level disparities in income, education, and demographics using R to support research on whether policies restricting firearm access near alcohol-serving venues reduce gun violence

### Liberty Mutual Insurance

Jun 2024 - Aug 2024

Data Analyst Intern

Seattle, WA

- Analyzed conversion rates from a 100K-customer marketing A/B test using SQL and convinced Marketing to increase the sample size of future experiments, improving the chance of detecting meaningful conversion rate lifts to 80%
- Quantified uncertainty in conversion rate estimates by creating 70% bootstrap confidence intervals using Python, helping stakeholders recognize the inconclusive findings and avoid incorrect interpretations of the results of the experiment
- Built a SQL query that joined Safeco Prospecting Program data from a vendor with Liberty Mutual's internal data using fuzzy-matching techniques, identifying ~ 60% more prospects compared to the previous method

## Projects

### Causal Buddy | Streamlit, pandas, plotly, statsmodels

Jun 2025 - Present

- Improved hands-on learning experience of a causal inference method (difference-in-difference) by building an interactive web app that allows users to simulate data, estimate causal effects, and visualize and validate model assumptions
- Achieved 500+ unique visitors within the first week of the web app's launch after receiving user feedback and implementing recommendations from 2 senior data scientists

## Technical Skills

Languages: Python (NumPy, pandas, Matplotlib, seaborn, scikit-learn, streamlit), R, SQL (MySQL, PostgreSQL)

Tools: Git, Tableau, Power BI, Excel, SAS, Jupyter, Airflow, Snowflake, Databricks

## Leadership / Extracurricular

### UCLA Fielding School of Public Health

Jun 2025 - Present

Biostatistics Course Assistant

University of California, Los Angeles

- Collaborated with a team of 4 to create an undergraduate causal inference course that will be taught to 80+ students
- Created 10 modules of course content containing simulations and intuitive examples in R for the course website

### DataResolutions

Jan 2023 - Present

Director of Consulting

University of California, Los Angeles

- Managed a team of 30+ student data scientists to provide pro-bono consulting services to 7 local startups in Los Angeles
- Led a team of 3 data analysts to consult a creative director with 107k followers, integrating Google Analytics to conduct a website demographic analysis and optimize searches to attract more clients for her business

### Biokind Analytics

Sep 2023 – Jun 2024

Data Analyst

University of California, Los Angeles

- Conducted a geographical analysis of donation patterns in Tableau, identifying 3 target states (with historical annual donations totaling \$430K) for healthcare nonprofit Claris Health to focus donation campaigns toward