

Stella Koh

(213) 305-1548 | stel.skoh@gmail.com | stellakoh.netlify.app | Arcadia, CA

EDUCATION

University of California, Los Angeles (UCLA)

Los Angeles, CA

Statistics and Data Science B.S., Business Economics B.A. | 4.0 GPA

June 2026

- Coursework: Probability, Econometrics, Data Mining, Optimization, Statistical Consulting, Forecasting

WORK EXPERIENCE

Pacific Life Consumer Markets Division

Newport Beach, CA

Data Analyst Intern

Jun 2025 - Sept 2025

- Developed a predictive model to reduce forensic underwriters' burden by prioritizing high-risk cases for review
- Built robust Python-based parser to transform Electronic Health Record XMLs into Snowflake data tables
- Engineered model features based on underwriter feedback and leveraged generative AI mapping of medical codes
- Optimized model performance through iterative experimentation using MLflow and pycaret

USDA Agriculture Marketing Service

Remote

Data Analyst from the Coding it Forward Fellowship

Jun 2024 – Aug 2024

- Wrangled 18 years of USDA grant data and automated pre-processing workflows to improve scalability
- Published an interactive Tableau dashboard to visualize federal funding trends across awardees and projects
- Developed a dynamic dashboard using R Shiny for the USDA Innovation Hackathon to identify funding gaps
- Presented deliverables to office leadership, including Deputy Administration of Transportation and Marketing

Luskin Public School of Affairs

Los Angeles, CA

Data Research Assistant

Nov 2023 – Present

- Worked along Dr. Jose Loya to examine development of social stratification in the mortgage market
- Conducted large-scale data wrangling and feature engineering on a dataset of 26M+ HMDA mortgage records
- Produced Tableau visuals analyzing the Detroit housing crisis, diving into micro-mortgages and debt ratios
- Built multinomial regression models to evaluate the impact of FHLBank credit union support on loan approvals

PROJECTS

Ideal Client Profiles Analysis

Los Angeles, CA

SalesMindAI, Capstone Project

Jan 2025 – Mar 2025

- Engineered features using external Census data and domain segmentation via NLP and prompt engineering
- Built logistic regression and XGBoost models with SMOTE to address class imbalance for reliable analysis
- Identified key predictors of engagement, including call timing, industry, economic factors, and geography
- Produced a research report delivering actionable insights to improve AI prospecting and API accuracy

Bruin Apartment Finder

Los Angeles, CA

National Student Data Corps Project

Oct 2023 – Dec 2023

- Worked in a group of 7 to examine factors relating to student apartment prices near UCLA
- Extracted 600+ rows of data from an apartment listing website using a web scraping API
- Standardized quantitative variables and cleaned inconsistencies in qualitative descriptions
- Geocoded apartments locations to calculate distance from UCLA using the sf package in R

EXTRACURRICULARS

Bruin Sports Analytics, UCLA

Los Angeles, CA

Analytics Lead, Lead Tennis Consultant, Data Journalist

Jan 2024 – Present

- Led a group of 4 in conducting end-to-end tennis match analysis to support UCLA D1 Men's team
- Standardized tennis match visuals with D3.js and Python to streamline visuals for player performance review
- Examined effect of racket specifications on performance and differences in strategies across singles and doubles

DataRes, UCLA

Los Angeles, CA

Data Consultant, Data Blog Lead

Mar 2024 – Present

- Led a group of 4 in profiling Texas death row inmates and analyzing last words using lexicon-based approaches
- Developed a Python-based schedule optimization tool to generate student schedules for Jazz Hands for Autism
- Cleaned and analyzed Rotten Tomatoes movie and box office records to present at a quarterly showcase

ADDITIONAL INFORMATION

Awards: USDA Hackathon Honorable Mention, National Merit Finalist, Dean's Honor List, Scholar Athlete

Skills: SQL, Python (pycaret, pandas, lxml), R (dplyr, ggplot2, Shiny, tidytext), Excel, Tableau, Tableau Prep, D3.js