

Aaron Chien

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https://achien2024.github.io/personal_website/

EDUCATION

University of California, Los Angeles (UCLA)

Major: B.A. Business Economics / Minor: Data Science Engineering

Jun 2024

Awards: Patricia and Harry L. Bruce Scholarship Recipient

Cumulative GPA 3.81/4.00

Relevant Courses: Financial Engineering, Investments, Econometrics, Data Science, Machine Learning, Web Dev

Relevant Skills: Excel (Solver, Pivot Tables, Lookups), HTML, CSS, JavaScript, Python, R studio, Tableau, SQL

WORK AND PROFESSIONAL EXPERIENCE

Community Service Commission (CSC)

Los Angeles, CA

Director of Analytics

Jun 2023 – Jun 2024

- Collected 200+ survey responses to analyze feedback about our two biggest events, Servocacy-fest and Volunteer day
- Achieved an 84% testing accuracy score predicting returners from creating a decision tree classifier model in python
- Made bar graph visuals with Tableau depicting exploratory data analysis on general consensus about previous events

Resolution Economics

Los Angeles, CA

Research Assistant

Sep 2022 - Dec 2022

- Used SAS proc means, merge, and date statements to output statistics, combine datasets, and create date objects
- Discovered that clock ins and outs were 10 minutes each and should factor into the paid hour from a labor dataset
- Validated over 200 rows of data in excel from over 800 pages of recorded labor violations from employee at a clinic

PROJECTS

SQL Murder Mystery

Participant

Sep 2022

- Used SQL on a database structure where the schema included 9 different tables, 6 primary keys, and 4 foreign keys
- Gathered information on the killer based on specific conditions across tables using SELECT FROM WHERE syntax
- Applied a subquery that connected two tables together using IN conditions to output the record fitting the description

Kaggle Housing Competition

Participant

Aug 2022

- Cleaned and analyzed over 70 columns and 1000 rows of data to determine the most significant variables in housing
- Utilized Python (statsmodel and numpy) to create a machine learning log-linear model predicting housing prices
- Achieved a score of 0.15235 with the highest being 0.0 using model, indicating an 84% accuracy score of predictions

LEADERSHIP AND EXTRACURRICULAR EXPERIENCE

2023 American Statistical Association (ASA) Datafest

Los Angeles, CA

Participant

May 2023

- Competed in a 48-hour data science challenge analyzing chat and forum data from the American Bar Association
- Utilized Python and Tableau to visualize interactions between clients and attorneys and discovered a 32% ghost rate
- Presented in front of 5 judges and an audience of peers explaining our methodology, findings, insight, and solutions

Foundations Choreography

Los Angeles, CA

Director of Internal Relations

Jun 2023 – Jun 2024

- Obtained over 8k in funding through applications, interview questions, and hearings for our quarterly Showcase
- Conducted weekly meetings dividing up logistical work, discussing details, and receiving updates to ensure deadlines
- Collaborated directors and managed 5 committees in handling photoshoot, merchandise, and venue details with staff

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Finance Chair

Aug 2021 - Jun 2023

- Acquired over \$16,000 and a profit margin of 21.8% through membership dues, fundraising, and sponsorships
- Executed a partnership contract with Teaspoon, a tea café, to acquire funding and culinary discounts for members
- Increased productivity by 30% applying pivot tables and VLOOKUP on excel that contained over 1000 rows of data