

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

- Utilized SELECT FROM WHERE queries and subqueries to extract and filter relevant data across multiple tables
- Applied operators to match partial data across 7 tables with primary and foreign keys to locate potential suspects
- Connected clues from statements, vehicle details, and identifiers using IN syntax to identify the mastermind and killer

Kaggle Housing Competition

Participant

Aug 2022

- Developed a log-linear model using visual analysis to identify trends and integrate features and interactions for prices
- Conducted feature analysis, categorizing and evaluating attributes like property condition for improved accuracy
- Achieved an error metric of 0.15325, showcasing skills in statistical modeling, data analysis, and optimization

LEADERSHIP AND EXTRACURRICULAR EXPERIENCE

2023 American Statistical Association (ASA) Datafest

Los Angeles, CA

Participant

May 2023

- Analyzed attorney response data, revealing a response time of 15.6 minutes and a 32% rate of unanswered questions
- Utilized Python for grouping and trend analysis, including response times by state, and common question categories
- Created hex maps in Tableau to visualize geographic variations and response patterns, enhancing data insights

Foundations Choreography

Los Angeles, CA

Director of Internal Relations

Jun 2023 – Jun 2024

- Secured over \$8,000 in funding by communicating through applications and presentations for our quarterly Showcase
- Facilitated meetings to coordinate tasks and discuss details, ensuring deadlines were met through communication
- Collaborated with directors and led 5 committees in managing tasks, demonstrating teamwork and adaptability

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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