Aaron Chien

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

EDUCATION

University of California, Los Angeles (UCLA)   *Jun 2024*
Major: B.A. Business Economics / Minor: Data Science Engineering   Cumulative GPA 3.81/4.00
Awards: Patricia and Harry L. Bruce Scholarship Recipient
Relevant Courses: Financial Analytics, Accounting, Forecasting, Data Analytics, Machine Learning, Programming
Relevant Skills: Excel (Pivot Tables, Lookups), Business Intelligence (Tableau), JavaScript, Python, R studio, 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

LEADERSHIP AND EXTRACURRICULAR EXPERIENCE

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

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

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