Aaron Chien

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

EDUCATION

University of California, Los Angeles

Major: B.A. Business Economics / Minor: Data Science Engineering   *Jun 2024*

Awards: Patricia and Harry L. Bruce Recipient   Cumulative GPA 3.81/4.00

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

Relevant Skills: Excel (Solver), Google Sheets, HTML, CSS, JavaScript, Python, R studio, Tableau, SQL

WORK AND PROFESSIONAL EXPERIENCE

Community Service Commission (CSC)   **Los Angeles, CA**

Director of Analytics   *Sep 2023 – Jun 2024*

- Collected 200+ survey responses to analyze feedback about our two biggest events, Servocacy-fest and Volunteer day
- Created a decision tree classifier model in python and achieved an 84% testing accuracy score predicting returners
- 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 base on specific conditions across tables using SELECT FROM WHERE syntax
- Applied a subquery that included information from Facebook, driver licenses, gym, crime, and interview data

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 event, 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*

- Raised over $16,000 and obtained 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