

# Aaron Chien

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[https://achien2024.github.io/personal\\_website/](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*

- 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