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Location: Palo Alto, CA

EDUCATION

Pitzer College

B.A. Mathematical Economics and Data Science

Claremont, CA

2021-2025 *Expected*

- Relevant Courses: Machine Learning, Data Structures and Algorithms, Big Data, Foundations of Data Science, Introduction to Computer Science, Econometrics, Calculus 1 & 2, Statistics, Microeconomics, Macroeconomics

SKILLS

Python, SQL, JS, HTML, CSS, Tableau, Stata, VSCode, Photoshop, InDesign, Excel, Spanish, Mandarin

WORK EXPERIENCE

Perfect Corp.

Data Science Intern

June 2023 - August 2023

- Reduced team's manual effort for pulling raw reporting data by 95% with an automated data visualization mapping process that runs weekly and updates views with the newest data.
- Built the data pipeline by restructuring JSON formatted SQL queries, automating the queries, and integrating the results with Tableau using Python, Zeppelin API, Tableau API, and Hyper API
- Analyzed data to determine usage patterns, conversion rates, etc and studied industry monetization models to provide recommendations on app implementation.

Zoom Video Communications

Machine Learning Extern

December 2022

- Documented a wiki with diagrams the data collection, data analysis, and model training workflow of the team. Explored various database and query tools: MySQL, Postgres, Trino query engine, AWS Hue.

Steven Lee City Council Campaign

Campaign Consultant

August 2020 - November 2020

- Designed 10 social media posts, 5 citywide printed flyers, 2 video conferencing virtual backgrounds, and 2 video commercials for Steven Lee's city council campaign.

PROJECTS

Website Developments

Project Owner

Present

- Designing and developing a custom digital portfolio for a media studies student using HTML, CSS, and JS to showcase photos, articles, videos, and other content. (In progress link)
- Technical and creative lead for MENT magazine, a digital publication for academic essays and creative pieces on Korean pop culture. Responsible for website development and design, including branding and logos.

3D First Person Pool Game

Project Owner

December 2022

- Implemented Python object oriented programming, user input/output, boolean flags, recursion, and loops in VPython to build a 3D interactive first person pool game. [Game Link](#)
- Calculated spherical collisions of balls of equal mass in code to accurately depict pool ball movements.

EXTRACURRICULARS

Pitzer College Green Bike

Co-President

January 2022 - Present

- Train other mechanics through weekly demos and on the spot guidance during open hours. Lead weekly shop meetings to discuss shop spending, plan community events, and provide feedback to club members.
- Present to school admin the monthly budget forecast, wholesale accounts, and hiring headcount. Oversee efficient shop function by planning & delegating service tasks as co-president. Carefully maintain stock of parts, maintenance materials, and other inventory.