Jiacong Wu

851 Camino Pescadero, Goleta, CA 93117 | jiacongwu@ucsb.edu | (805)8379580 | https://www.linkedin.com/in/jiacong-wu-7703431a3

Summary

A senior student at the University of California Santa Barbara, majoring in Data Science, strong at critical thinking, logical thinking, and problem-solving. Proficient in relationship building, confident in software and programming skills, and familiar with pair programming. Currently seeking data-related positions.

- Fast Learner
  Managed to use the internet and online references to study Python in less than a month
- Detail-Oriented Mindset
  Always notice the details in communication and work environments
- Computer Languages
  Python, R, SQL, C++, SAS, HTML, LaTeX
- Software Skills
  Visual Studio Code, Tableau, RStudio, Google Colab, MS Office Suite (including Excel/VBA and Access), Google Cloud Suite

Education

University of California, Santa Barbara | Santa Barbara, California
Bachelor of Science in Statistics and Data Science *Expected June 2023*
Cumulative GPA: 3.50/4.00
Relevant courses: Probability and Statistics, Statistics for Economics, Principles of Data Science with R and SQL, Problem Solving with Computers, Regression Analysis, Stochastic Process

Internship Experience

IQVIA | *Business Analyst Intern* June 2022 – September 2022
- Used SQL Server and Excel to extract and manipulate 2300000+ data entries
- Calculated different awards for different hierarchies for a health care company based on different policies
- Compared result with the result calculated by the online system, reporting errors to the development team
- Reduced the possibility of the system having errors and ensured product quality

SeeU International Inc. | *Python Course Teaching Assistant* | Online December 2020 – January 2021
- Collaborated with the instructor and four other TAs in teaching data analysis and answered questions patiently in a class of 59
- Held a learning activity to provide Python basic knowledge for a group of 12 students
- Taught 5 students about data cleaning, processing, and visualization and helped them successfully complete capstone projects

Project Experience

Cards Hands Imitation*(Python)* October 2021 - December 2021
- Used 474 lines of code, imitated sorted player hands of cards, and defined operations like draw cards and play cards
- Defined Card class with suit and rank as variables and overloaded the inequality operators for Card-type objects to be comparable with each other
- Implemented Binary Search Tree to store each card data in the right order in the player's hand
- Compiled 165 lines of test code, considered different edge cases, and all functions work perfectly as expected

Pizza Order Imitation*(Python)* October 2021 – December 2021
- Used 296 lines of code, imitated the program behind a pizza store which processes all the pizza orders
- Created Pizza class and CustomPizza class, users can customize the pizza, and the program can calculate the price corresponding to each pizza
- Implemented Binary Min-Heap to store all the details of each pizza order and every pizza in them and generates a receipt for each order
- Complied 151 lines of test code, considered different edge cases, and all functions work perfectly as expected

Python Data Analysis July 2021
- Imported 14.8 MB Netflix Movie dataset from Kaggle, cleaned and selected data using the pandas library
- Did the data visualization by drawing three graphs to reflect data using matplotlib and seaborn libraries
- Analyzed the correlation between IMDb score and box office, proved the linear relationship between them

Face Recognition (*Python*) July 2020 – August 2020
- Utilized face recognition and OpenCV packages in Python to track and label faces in pictures after data training
- Completed the code with the help of the instructor to track and swap faces of two different pictures

Extracurricular Activity

Goldman Sachs | *Insight Series Scholar* | Online June 2021– July 2021
- Networked with professionals and various roles and divisions at Goldman Sachs
- Attended live sessions and panel discussions weekly, listened to the podcast to learn people's insights on developments shaping industries, markets, the global economy, and explored macroeconomic issues