Anqi (Anne) Lin

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Education

University of California, Santa Barbara Expected Graduation: 06/2021

B.S. Applied Mathematics

B.A. Statistics and Data Science GPA 3.80

Honor: Letter and Science Honors Program

Related courses: Python, C++, R, Linear Algebra, Numerical Analysis, Regression Analysis, Machine Learning, etc.

Experience

University of California, Santa Barbara 09/2020 - current

Undergraduate Learning Assistant Santa Barbara, CA

- Actively helped students on implementing data retrieval, cleaning, and visualization knowledge using Python Pandas model
- Hosted weekly open lab hours to troubleshoot any possible runtime or logic errors appeared in students' homework assignments
- Participated in weekly staff meeting and reflected on issues faced each week to help professor improve the teaching

Channel Islands YMCA 06/2019 - 06/2020

Data Science Intern Santa Barbara, CA

- Initiated the project of End of Year Metrics, performed data cleaning on the dataset and calculated the percentage of decrease/increase of donation on specific branches of the YMCA through Microsoft Excel
- Formatted ETL to build a pipeline to extract data from Raiser's Edge database and load to Microsoft Excel to do weekly analysis
- Designed an AB testing experiment, used tunnel metrics method to determine the potential metrics for analysis, and performed the testing on whether change the color of donation button on official website can increase donation

AsiaInfo 08/2019-09/2019

Big Data Intern Hefei, Anhui

- Collaborated with the data developer team in writing stored procedures in SQL on China Mobile's Greenplum database and assisted to migrate the stored procedures from the old data warehouse to Greenplum
- Investigated on database structures and aggregated information from the database to meet client's requirements
- Participated in the data mining program to estimate possible clients of China Mobile who may transfer to other telecom companies

Lions Assurance Financial 03/2019 - 06/2019

Data Analyst Intern New York, NY

- Accomplished stock analysis on forecasting revenue and growth by performing regression model for portfolio analysis, and utilized Pandas and Sklearn in Python for data comparison for the Lyft IPO Practice Analysis Project
- Explored on 2018 mergers and acquisitions report, using Tableau and Excel to visualize the data, and wrote a data insight report
- Created a dashboard on Google Analytics to follow the traffic of Lions Assurance Financial's official website, focusing on the source/medium of the traffic, goal completion of conversions and engagement of audiences

Scholars at Risk 09/2018 - 12/2018

Undergraduate Assistant Santa Barbara, CA

- Researched on 5 websites including Washington Post, Scholars at Risk, New York Times and specifically on the case of a Saudi Feminist Dr Hatoon Al-Fassi to perform due diligence skill on background information
- Investigated on modeling the trend of possible outcomes and estimated target groups of people using visualization methods
- Successfully persuaded congressman Salud Carbajal to advocate for Dr Hatoon Al-Fassi through the statistical analysis of the tabling event result

Extracurricular Activity

Associated Students at UCSB 09/2020 - current

Business Analyst Santa Barbara, CA

- Performed social return on investment analysis for Community Financial Fund in UCSB

TAMID 04/2019 - current

Business Strategy Lead Santa Barbara, CA

- Initiated business strategies and implemented data visualizations to analyze the case of a wine company Golan Heights to present a demo on the company to demonstrate the company's strengths, weaknesses and potentials in Chinese market

Science Olympiad 03/2019 - current

Event Supervisor Santa Barbara, CA

- Lead and collaborated with other supervisors to ensure justice and make sure safety protocols are followed during the tests

Skills

Programming: Python (proficient), SQL (proficient), R (proficient), C++ (intermediate), Tableau (intermediate), Google Analytics (intermediate), Microsoft Excel (intermediate)

Languages: English (native), Mandarin (native), Hebrew (beginner)