ZIYI "CALVIN" WU

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PROFILE

Master of Science in Business Analytics candidate from a top ten program. Strong analyst and team player, who is honing analytical skillset via a year-long practicum engagement helping a nonprofit organization by using advanced analytical techniques. Seeking a full-time position to utilize analytical and quantitative skills in the technology industry.

Specialties: Exploratory Data Analysis, Data Wrangling, Data Visualization, Model Building

Technologies: SQL, R, Python, Tableau, MongoDB, AWS, Azure

Certification: AWS Certified Cloud Practitioner (K95897S2H2F1QLS5)

EDUCATION

University of California Davis, Graduate School of Management   **San Francisco, CA**

Master of Science, Business Analytics   Expected Jun. 2020

Highlighted Coursework: Data Management, Data Design, Advanced Statistics, Big Data, Machine Learning

South China University of Technology (SCUT)   **Guangzhou, China**

Bachelor of Engineering, Opto-Electronics Information Science and Engineering   Jun. 2019

Highlighted Coursework: Calculus, Linear Algebra, C++ Programming, Data Structures, Probability & Statistics

HIGHLIGHTED EXPERIENCE

Angel Flight West   **San Francisco, CA**

Data Analyst, Practicum Project   Sept. 2019 – Present

Angel Flight West is a non-profit organization that connects patients to pilots who are willing to donate flights.

- Used MySQL for data cleaning and feature selection on 30 years of data.
- Developed random forest predictive model in Python and Azure to identify pilots' orientation lead-time.
- Visualized data in Tableau and created compelling presentation to AFW leadership.
- Communicated with AFW stakeholders to identify current operational goals and future vision.
- Researched on two-side platform to propose improvement for the current AFW platform.

PROJECTS

MLB Pitching Database Development   Mar.2020

- Established a MySQL database that contains all the MLB pitches from 2015-2018 season.
- Used the historical pitching data to develop models to predict future pitch types.

Web-scraping: sponsor on eBay   Mar.2020

- Scraped iPad information from eBay using Python and created a MySQL database to store data.
- Used pysql to run summary stats to identify the differences between sponsor and non-sponsor iPads.

LEADERSHIP & ACTIVITIES

School of Physics and Optoelectronics, SCUT   **Guangzhou, China**

President of Student Union Sports Department   Nov. 2016-Dec. 2017

- Managed a team of 10-15 students to increase overall wellness and deepen ties between faculty and students.

Competitive Swimmer, SCUT   2015-2017

- Gold medalist in men's 100m and 200m freestyle in University Level Championship.
- Top 6 in men's 100m and 200m freestyle in Regional Championship.