

Yuelin Zhou

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Target position: Data Analyst, Data Engineer

SUMMARY

Entry level Data Analyst; A fresh graduate from UC Berkeley; Experienced in effective data analysis, data modeling, data cleaning, data driven decision making and data visualization with SQL, R, Python, Excel and Tableau/Power BI. Recently completed the Google Data Analytics Professional Certificate – a rigorous, hands-on program that covers the entire scope of the data analysis.

EDUCATION

University of California, Berkeley

May 2021

Degree: Bachelor of Arts, Statistics

GPA: 3.4

Relevant Coursework: Time Series, Stochastic Modeling, Linear Modeling, Statistics Methodology, Probability Theory, Object-oriented programming, Techniques of Data Science, Microeconomics, Health Economics

SKILLS

Technical skills: Python, SQL, R, Excel, Java
Visualization: Tableau, Power BI
Other Tools: MS SQL server, Jupyter notebook, R Studio

CERTIFICATION

- [Google Data Analytics Professional Certificate](#) Jan 2022

PROJECTS

Time series forecast

Fall 2020

- Built 4 complex SARIMA models and minimized their root mean-square error for Model selection
- Forecasted the future on Covid-19 dataset using the best Models fit

Hypothesis testing on Family Household wealth

Summer 2020

- Performed bootstrapping and visualization using NumPy tools on a 6+ independent variables dataset
- Developed K-nearest neighbors, A/B testing and linear regression using hypothesis to investigate whether household speak other languages than English have significant effect ($p\text{-value} > 0.05$) on Household's wealth

Web scraping

Fall 2019

- Extracted raw data from Google Scholar's website and use regular expressions (Regex) to get information from them such as their popular paper, speaking style and Mantra.
- Performed data cleaning, exploratory and visualization by applying all Advanced R packages (word-cloud, xml2, RColorBrewer, stringr, ggplot2, etc.)

PROFESSIONAL EXPERIENCE

City College of San Francisco Math Department

Sep 2018 – May 2019

Math Tutor

San Francisco, CA

- Mentored 20+ students per day and improved student's test performance by 50%
- Provided guidance to 10+ stressed students to improve their class performance and helped them pass the class
- Collaborated with staff members in the meeting to produce teaching plans and smoothed the class flows
- Discussed with coworkers on strategy to explain Math in simple clear way and improved the efficiency

Advanced skills: Mentorship, Teamwork

San Francisco Marin Food Bank

Jan 2018 – Apr 2018

Data Entry & Cal-fresh intern

San Francisco, CA

- Collected 2,000+ Customer Satisfaction Surveys and automated data entry to improve processing time by 20%
- Analyzed and processed 30+ data sets used MS Excel to make basic data visualization
- Managed marketing and advertising activities by categorizing 2,000+ flyers and posters in four different types to improve the staff outreach process

Advanced skills: Management, Self-motivation