Yuelin Zhou

yuelinzhou@berkeley.edu • LinkedIn • GitHub • Antioch, CA, 94531

Target position: Data analyst

SUMMARY

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

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, Juypter 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
- Made predictions with 90% accuracy regarding 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-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