

# Yuelin Zhou

yuelinzhou@berkeley.edu • [LinkedIn](#) • [GitHub](#) • Antioch, CA, 94531

Target position: Data Analyst, Data Engineer

## SUMMARY

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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

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### 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

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**Technical skills:** Python, SQL, R, Excel, Java

**Visualization:** Tableau, Power BI

**Other Tools:** MS SQL server, Jupyter notebook, R Studio

## CERTIFICATION

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- [Google Data Analytics Professional Certificate](#)

Jan 2022

## PROJECTS

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### Data exploration on Covid-19 dataset

Jan 2022

- Developed SQL queries to get information from the Covid-data
- Exported multiple best queries into Excel files for further visualization
- Constructed dashboards from Tableau Public to visualize the recent Covid situation (Booster, Total cases, Deaths and omicron)

### Hypothesis testing on Family Household wealth

Summer 2020

- Performed bootstrapping and visualization using NumPy on a 6+ independent variables dataset
- Developed a A/B test to investigate the topic on English speaker and non-English speaker household have significant different ( $p\text{-value} > 0.05$ ) on their property wealth

### Web scraping

Fall 2019

- Extracted raw data from 2 Google Scholar's website and compare the differences between their popular papers, frequent words they used, mutual friends and their writing style
- Performed data cleaning and data visualization by applying all advanced R packages (word-cloud, xml2, RColorBrewer, stringr, ggplot2, etc.) on the 2 Google Scholars

## PROFESSIONAL EXPERIENCE

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### 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 to produce efficiency teaching plans and smoothed the class flows

**Skill developed:** 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

**Skill developed:** Management, Self-motivation