

# Yuelin Zhou

yuelin666@gmail.com • [LinkedIn](#) • [GitHub](#) • [Portfolio](#) • San Francisco, CA, 94134

## SKILLS

---

**Relational Databases:** MS SQL Server

**Programming Language:** Python (NumPy, MATLAB, Pandas)

**Statistical Language:** R

**Development tools:** R Studio, Jupyter notebook, Excel

**BI tools:** Tableau

## PROFESSIONAL EXPERIENCE

---

### Data Entry Analyst

Feb 2022 – Apr 2022

John Muir Health

Concord, CA

- Managed historical payroll data for all medical departments with 5000+ employees and used V-Lookups and pivot tables in Excel to maintain relational structure between multiples excel files
- Accurately inputting a high volume of data (300+ daily) to Excel Spreadsheet and get approved to the company database

### Math Tutor

Sep 2018 – May 2019

City College of San Francisco Math Department

San Francisco, CA

- Mentored 20+ students per day and improved student's test performance by 50%
- Collaborated with staff members to produce efficiency teaching plans and smoothed the class flows

### Data Analysis & Cal-fresh intern

Jan 2018 – Apr 2018

San Francisco Marin Food Bank

San Francisco, CA

- Automated processing of 2,000+ Customer Satisfaction Surveys data per week to improve real time reporting by 20% in team
- Managed marketing and advertising activities by categorizing 3,000+ Calfresh flyers into different types to improve the staff outreach process

## PROJECTS EXPERIENCE

---

### SQL and Tableau for Covid-19

Jan 2022

- Developed SQL queries to explored recent Covid situation for the US compare to other country and see how well they handle the covid evolution virus (Omicron)
- Exported query tables into Tableau Public to construct dashboards to visualize booster, total cases and deaths in all country

### Time Series Forecasting

Dec 2020

- Explored and visualizes data pattern with periodogram and residual to make sure they look reasonably stationary before processing a Time series model
- Constructed 4 different Time series models and minimized their root mean square error to be consider the best model for forecast

### Web scraping with R

Dec 2019

- Extracted raw data from 2 Google Scholar's website and compare the differences between their lifestyle (number of popular papers they wrote, frequent words used in writing and speaking, mutual friends etc.)
- Created data visualization with all advanced R packages (word-cloud, xml2, RColorBrewer, stringr, ggplot2, etc.) for their lifestyle

## CERTIFICATION

---

- [Google Data Analytics Professional Certificate](#)
- Intermediate SQL (DataCamp)

Jan 2022

Sep 2021

## 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