

# Jacob Der

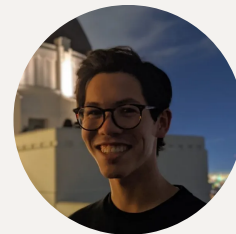
✉ derjacob9@gmail.com

☎ 9515533643

🐙 Github

in LinkedIn

🖱 Portfolio



## Profile

I am an aspiring data professional with a strong mathematics background and experience using popular data analysis tools such as Python, SQL, R, and Tableau. Currently I am seeking entry level work as a data analyst or data engineer in order to sharpen my skills and learn new ones.

## Professional Experience

### Data Analyst

Jul 2020 – Jan 2021

Verified Nutrition

Los Angeles, CA

- Designed, implemented, and maintained data pipelines
  - Authored ETL work with Python
  - Warehoused data in Snowflake
- Achieved 75% time reduction for regular reports through automation with Python
- Performed exploratory analysis and regression on business data

### Teaching Assistant

Aug 2018 – May 2020

University of Southern California

Los Angeles

Attained a pass rate of over 90% via clear communication

## Projects

### SF City Employee Salaries Dashboard [🔗](#)

Deployed R Shiny dashboard detailing the compensation of SF city employees

### Student Performance Prediction [🔗](#)

Correctly predicted 68% of student exam performances using Scikit-learn

### Image Classifier [🔗](#)

Detected the presence of faces in images with a convolutional neural network

## Skills

### Python



Pandas, NumPy, Matplotlib, Seaborn

### SQL



PostgreSQL, SQLite, Snowflake

### Tableau



### Machine Learning



Regression, classification, deep learning

## Education

### Mathematics / MA

Aug 2018 – May 2020

University of Southern California

Los Angeles, CA

### Mathematics / BA

Aug 2014 – May 2018

San Francisco State University

San Francisco, CA

## Interests and Hobbies

Rock climbing • Philosophy • Jazz • Cooking and baking