

Jacob Der

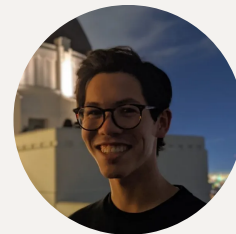
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🐙 Github

in LinkedIn

🖱 Portfolio



Profile

I am an aspiring data scientist 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