Jacob Der

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 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 ●●●●○   **SQL** ●●●○○
Pandas, NumPy, Matplotlib, Seaborn   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