

Jacob Der

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🔗 My Github

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Profile

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

Professional Experience

Data Engineer/Analyst, Verified Nutrition

Jul 2020 – Jan 2021

Los Angeles, CA

- Designed, implemented, and maintained data pipelines
 - Tested REST API requests with Postman
 - Authored ETL work with Python
 - Warehoused data with Snowflake
- Performed exploratory analysis and regression on business data
- Segmented customer base and created reports on an ad hoc basis

Skills

Programming

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Python, SQL, R

Data Visualization

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Tableau, R Shiny, Matplotlib, Seaborn

Machine Learning

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Regression, classification, deep learning

Mathematics

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Linear algebra, statistics, calculus

Projects

City Employee Salaries Dashboard, Tools: SQL, R [🔗](#)

Deployed R Shiny dashboard detailing compensation of city employees.

Student Performance Prediction, Tools: Jupyter Notebook, Python [🔗](#)

Used Scikit-learn to predict student performances on exams

Image Classifier, Tools: Python [🔗](#)

Classified images using a convolutional neural network constructed with PyTorch.

Education

M.A., University of Southern California

Mathematics

Aug 2018 – May 2020

Los Angeles, CA

B.A., San Francisco State University

Mathematics for Advanced Study

Aug 2014 – May 2018

San Francisco, CA

Interests

Rock climbing • Philosophy • Jazz • Cooking and baking