Jacob Der

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Profile

I like to think of myself as a budding data scientist with the ability to ask the right questions and pick correct solutions due to my robust background in mathematics.

Work Experience

Verified Nutrition
Data Engineer/Analyst
07/2020 — 01/2021 | Los Angeles

- Designed, implemented, and maintained data pipelines with Python, Snowflake.

  - Tested REST API requests with Postman.
  - Maintained a SQL database in Snowflake with Python.
  - Performed exploratory data analysis on business data.

- Automated reporting to increase visibility of analytics.

University of Sourthern California
Teaching Assitant
08/2018 — 05/2020 | Los Angeles

Skills

Programming
Python, SQL, Git CLI and Github

Machine Learning
Standard algorithms with scikit-learn, deep learning with PyTorch and Keras/Tensorflow

Mathematics
Linear algebra, probability, calculus, combinatorics

Projects

Image Classifier ⧉
- Used PyTorch to create a small Python module for image classification using a CNN

Heart Failure Model ⧉
- Used scikit-learn to classify patients at risk for deadly heart failure.

Education

MA in Mathematics
University of Southern California
08/2018 — 05/2020 | Los Angeles

BA in Mathematics
San Francisco State University
08/2014 — 05/2018 | San Francisco

Certificates

Python for Data Science and Machine Learning Bootcamp
Instructor – Jose Portilla

Interests

Rock climbing | Philosophy | Cooking

Reading | Old School Runescape