

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 – 12/2020 | Los Angeles

- Designed, implemented, and maintained data pipelines with Python, Snowflake.
 - Tested API requests with Postman.
 - Used Python for ETL.
 - Maintained a SQL database in Snowflake with Python.
- Automated regular reports to increase visibility of analytics and allow other employees to work more efficiently.

University of Southern California

Teaching Assistant

08/2018 – 05/2020 | Los Angeles

Skills

Programming

Python, SQL, HTML

Machine Learning

Regression, clustering, classification, neural networks

Mathematics

Linear algebra, probability, calculus, combinatorics, real and complex analysis

Projects

Heart Failure Model

- Used scikit-learn to classify patients at risk for deadly heart failure.

Covid-19 Dashboard

- Built a webapp with Python that uses data from NY Times to detail cases/deaths over time.

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

Awards

David Meredith & Friends Scholarship

2017

Interests

Rock climbing | Philosophy | Cooking
Reading | Old School Runescape