

# 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, basic R*

### Machine Learning

*Regression, clustering, classification, NLP*

### 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 | Cooking | Reading

Old School Runescape