

# Jacob Der



📍 Murrieta, CA  
✉ jacobder9@gmail.com  
☎ 9515533643  
🐙 github.com/JacobDer

## Profile

Hard working and motivated recent mathematics graduate seeking entry-level employment as a data analyst or data scientist.

## Education

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

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

## Awards

**David Meredith & Friends Scholarship**  
2017

## Work Experience

**University of Southern California**  
*Teaching Assistant*  
08/2018 – 05/2020 | Los Angeles

- Developed effective presentation and mentoring skills.
- Communicated complex mathematical concepts to students.

## Projects

### Covid-19 Data Visualization

- Wrote a python script to pull daily Covid-19 data and plot it.
- Code can be easily modified to display different visualizations.

## Skills

### Programming

#### Languages

*Python (familiarity with pandas and sklearn), Java, SQL, basic HTML*

### Mathematics

*Linear Algebra, Calculus, Complex Analysis, Probability*

### Microsoft Office

*Word, Excel*

### Tableau

## Relevant Coursework

### Linear Algebra

- Performed linear-regression through linear-algebraic methods.

### Probability and Statistics

- Utilized Bayes' Theorem and Central Limit Theorem.

### Combinatorics

- Found spanning trees via depth-first searches.
- Computed relevant statistics by combinatorial methods.

## Interests

Rock Climbing | Music | Reading  
Old School Runescape