

# JON SCHEAFFER

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## LOOKING FOR FULLTIME POSITION

A Cal Poly graduate equipped with a Master of Science in the Quantitative Economics Program. As a productive team member, I have hands-on experience gathering agricultural data in nut and vine crops, excelling at leveraging causal inference to provide economic insights. As an avid reader and lifelong learner, I am personally invested in discovering truth through analysis of data. I do not simply look at patterns in data indifferently but go beyond these patterns to discern the causes of the phenomenon.

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## WORK EXPERIENCE

### Data Analyst | JAC AG Services | Remote | Part-Time

5/2023 - 7/2023

- Examined the impact of the vineyard's ground water recharge program on well depth.

### Graduate Research Consultant | IFC | Remote

1/9/2023 - 6/16/2023

- Collaborated with the IFC/World Bank to evaluate the impact of agricultural training programs in India.
- Managed my team's GitHub repository.
- Cleaned data in R, ensuring consistency in column formats for accurate analysis. Used OpenStreetMap to find the shortest distance each farm was to any river, road, and town.
- Used an Instrumental Variable approach to analyze the effect of adoption of soil practices on Cost and Yield.

### Assistant Economic Researcher | AgIS Capital | Remote

6/1/2021 - 9/30/2021

- Worked directly under the V.P. of Acquisitions and Strategy, assisting him with compiling data on Agricultural commodities.
- Applied VBA and VLOOKUP to efficiently reorganize data
- Using this compiled data, I forecasted the future bearing acreage, yield, and production for these crops.
- Created compelling visualizations and charts that assisted in making decisions on AgIS's investments in Agriculture.

### Vineyard Technician | JAC AG Services | Hilmar, California

Every Summer from 2015 through 2019

- Created new up to date maps of the R.H. Philips vineyard to reflect newly planted acreage.
  - Collected data from grapevines such as soil, sugar, and tissue samples to provide a deeper understanding of the vineyard's health.
  - Utilized grape cluster counts to forecast the mean future yield of each block.
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## EDUCATION

### Master of Science in Quantitative Economics | GPA 3.97 | Cal Poly | Distinction | San Luis Obispo, CA

8/2022 - 6/2023

### Certificate in Data Analytics | UC Davis | Davis, CA | [Data Analytics Meta Skills Badge - Credly](#)

6/2021 - 12/2021

### Bachelor's degree in liberal arts | Thomas Aquinas College | Santa Paula, CA

8/2017 - 5/2021

Senior Thesis: "Limits and Loci: On the Role of Motion in the Definitions of Curved Lines"

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## Skills

**Computer Skills:** SQL, OpenStreetMap, Excel, VBA, Python, R, Tableau, JavaScript, and Machine Learning

**Soft Skills:** Big picture thinking, teamwork, and work ethic

**Accolades and Hobbies:** Eagle Scout, Presidential Volunteer Service Award Recipient, and Black Belt in Taekwondo

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## DATA PROJECTS

### Web Scraping Challenge

9/27/2021

UC Davis Data Analytics Project: [www.github.com/J-Schea29/web-scraping-challenge](https://www.github.com/J-Schea29/web-scraping-challenge)

- Scraped data related to the planet Mars from NASA and other websites. This data includes the title and descriptive paragraph for the most recent news article, a featured image, a table of facts on Mars, and four hemisphere images of Mars.
- Using flask, I displayed all of this on a webpage and included a button to scrape the most recent data.