# JON SCHEAFFER

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## LOOKING FOR FULLTIME POSITION

An aspiring Data Scientist who not only has hands-on experience in gathering agricultural data in the wine industry but has also excelled at researching data on different types of tree nuts to forecast their future production capacity. As an avid reader and lifelong learner, the intellectual stimulation provided in the field of Data Science drives me not to merely observe patterns in data indifferently, but to go beyond these patterns and discern the underlying causes of the phenomena.

## WORK EXPERIENCE

**Data Analyst | AM Property Services | Remote | Part-Time**                                    5/2023 -To present
• Used Regression Discontinuity analysis to examine 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 pf 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.

**GPS Field Marking for Crop Layout | Aspect29 | Woodland, California**                                    2012-2020

## EDUCATION

**Master of Science in Quantitative Economics | GPA 3.97 | Cal Poly | San Lui 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"

## Skills

**Computer Skills:** Prompt Engineering, Excel, VBA, Python, SQL, 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

## DATA PROJECTS

**Web Scraping Challenge**                                    9/27/2021
UC Davis Data Analytics Project: 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.