

# Justin Moon

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A self-driven, detail-oriented Data Analyst with a degree in supply chain management and operations and passion for data analytics. Ability to provide meaningful insights through data science, analytics, and visualization. Key strengths lie in communication between peers when brainstorming and creating thoughtful, organized visualizations to present findings. Well-versed in being able to collaborate and cooperate with new teams quickly as well as giving presentations and storytelling.

## TECHNICAL SKILLS

**Tools:** Python, SQL, Microsoft Excel, JavaScript, VBA, Pandas, NumPy, JSON, HTML/CSS, Beautiful Soup, D3.js, Plotly, Leaflet, R, Tableau, Machine Learning, GitHub, Big Data, Statistics

**Databases:** MongoDB, Postgresql

**Other:** Flask, Git, Command Line

## PROJECTS | RELEVANT EXPERIENCE

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### Yelp Data Scraping | 2020

A machine learning project that focused on using sentiment analysis to create word cloud visualizations for a searched place. The model was created from historical Yelp data and could distinguish any newly scraped review between positive or negative. The word clouds were then created based on the frequency of words that existed in each cloud.

**Key tools:** Python, Beautiful Soup, Sklearn, HTML/CSS/Bootstrap, JavaScript (Leaflet, ChartJS, D3), Flask, Heroku.

**GitHub Repository:** <https://github.com/jmoon0830/yelp-ml>

### Mental Health in the Workplace Visualized | 2020

Kaggle datasets from 2014 and 2016 were used to visualize and analyze poll data about people's perception on mental health in the workplace. The project focused on analyzing the level of awareness surrounding the importance of mental health as well as people's comfortability and safety talking about the issue with their peers or supervisors.

**Key tools:** Python, Flask, SQL, Javascript (Plotly, ChartJS, D3), HTML/CSS/Bootstrap.

**GitHub Repository:** <https://github.com/jmoon0830/mental-health-project>

### Pandemic Stock Market Sector Analysis | 2020

This project's intent was to analyze stock data during the pandemic to see which market sector had grown the most. AlphaVantage provided data that was used to create a linear regression model based on historical data to predict the likely increase for the first six months of 2020. Comparing each sector's actual growth to the predicted growth, the team was able to determine which sectors had grown higher or lower than normal.

**Key tools:** Python (Jupyter Notebook)

**GitHub Repository:** <https://github.com/jmoon0830/pandemic-stock-analysis>

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## EXPERIENCE

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**M&M Headgear;** Suwanee, GA

Jun 2019 – Present

**Business Development Coordinator**

Developed the current state of the company by finding ways to increase efficiency within each section in the workplace and eliminating repetitive or unnecessary work. Meaningful analyses for the company to use to make decisions. Created Amazon sales channel for e-commerce business.

- Created meaningful data visualizations such as profit analysis and product trends charts for executives
- Programmed excel program to organize incoming orders making it quicker and easier to create sales orders
- Introduced warehouse inventory system to eliminate human error in inventory management
- Managed new e-commerce market channels using Amazon FBA program to reach more consumers and receive feedback

**Student Painters,** Suwanee, GA

**Branch Manager/Intern**

Feb 2018 – Apr 2018

Young Entrepreneurs Across America (YEAA) lead program that intended to teach college students how to manage a business by providing insight on marketing, sales, and communication techniques

- Organized marketing activities such as online advertisements and in-person cold calling
- Managed relationships with 20+ clients and sell over \$3000 of business
- Led a team: interviewing, hiring, marketing training, and firing

## EDUCATION

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**Georgia Institute of Technology,** Atlanta, GA

**Data Analytics and Visualization Executive Education Certificate | 2020**

A 6-month part-time, rigorous program focused on teaching practical technical skills needed to solve data problems. Program covers Microsoft Excel, Python, JavaScript, SQL, Tableau, Machine Learning, and Big Data and prepares students how to use and integrate these skills into real world problems.

**University of GA,** Athens, GA

**Supply Chain Management and Operations Bachelor of Business Administration | 2015-2019**

A management degree that emphasizes in supply chain management and operations.