My Full Name

US Citizen   Email: ▮▮▮▮▮   Cell: ▮▮▮▮▮   City,State, Zip: **Cleveland, OH 44133**

Linkedin: **https://www.linkedin.com/in/**▮▮▮▮▮   Github: **https://github.com/**▮▮▮▮▮

Summary

Data Analyst looking for an opportunity with a well-established and innovative organization, where I can apply my knowledge from my academic data analytics training and management skills from my previous mechanical engineering career to provide quality, data-driven insights and services as well as to enhance my own development towards a position as a Data Scientist.

Education

Lawrence Technological University - Southfield, MI   **January 2021 – December 2023 (est)**
Master's in Computer Science

Case Western Reserve University – Cleveland, OH   **July 2020**
Data Analytics Certificate (240 hours of classroom time)

Purdue University - West Lafayette, IN   **August 2014**
Bachelor of Science - Mechanical Engineering

Data Science and Analytics skills: Python, SQL, Tableau, AWS Database utilization, GIT version control, data structures, Machine Learning & Neural Networks, Natural Language Processing (NLP), Statistics, Pandas, Numpy, Matplotlib, Seaborn APIs, Web Scraping (BeautifulSoup and Selenium), Flask, SQLAlchemy, HTML, CSS, Javascript, Plotly, D3.js, Hadoop, Hive, Google Colab, Apache Spark, Power BI

Certifications

- IBM Data Science Professional Certificate
- Salesforce Trailhead Einstein Analytics Data Preparation Specialist Superbadge

Projects

Twitter Disaster Analysis| ▮▮▮▮▮
The inspiration for this project was a Kaggle competition where the objective was to build a machine learning model that could identify whether or not a Tweet is mention a disaster or not (e.g. hurricane, earthquake, fire, bombing, riots, etc). To test out the model, please go to website link below, click on "Custom Tweet Checker" in the Menu bar, paste any Twitter handle in the blue bar (eg. "BBCWorld"), and hit "Submit".
- Technologies Used: Twitter API, Flask, Python, Javascript, Tensorflow, Keras, Pandas, Numpy, and Heroku.

COVID-19 Visualization Project | ▮▮▮▮▮
Project for bootcamp that was used to demonstrate ETL capabilities and visualization for real-world data. Link below directs to the web application. "Air Quality" link directs to map showing CO_2 concentrations. "Stock Value" link leads to stock market chart that utilizes web scraping. "Population Density" link shows how the population density changes.
- Technologies Used: AWS for database queries, Heroku, Web scraping (BeautifulSoup), Javascript (Billboard).

Work Experience

Seat Integration Engineer   **August 2015-July 2019**
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- Utilized VBA and Excel to analyze engineering metrics data to identify and root-cause technical issues, as well as to improve company-wide specifications on future vehicle model lines
- Arranged large scale consumer studies to obtain customer data as part of the Design for Six Sigma to make systematic improvements to increase the company's JD Power Score
- Managed hundreds of components simultaneously for complete seat assembly on the Jeep Wrangler, Jeep Grand Commander, and Dodge Journey in high-pressure and actively-changing environments based on NHTSA requirements
- Collaborated with engineers in globally spanning environment to establish departmental merging between Fiat and Chrysler.

New Models Launch Engineer   **December 2014-May 2015**
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- Collaborated with management and engineering for resolution of design and manufacturing issues on the Ford F250 and F350.
- Provided cross-functional team guidance and work reviews to optimize program progress