Habeeb Kotun Jr.

Data Scientist

Quality Engineer transitioning from a career in manufacturing to one in Data Science. As a quality engineer I used analytics to drive supplier and process improvement. I look forward to swapping roles and using my programming skills to take a deeper dive into company's data to positively drive business decisions going further.

Work History

2021-09 - Current

Data Science Apprentice
Nashville Software School, Nashville, TN
Intensive part-time bootcamp focusing on data science fundamentals and problem solving. Used real-world datasets and included projects where findings were presented to stakeholders from the community.
• Wrangled data and performed exploratory data analysis using Python's pandas library and R's tidyverse packages
• Created data visualizations using matplotlib, seaborn, and ggplot2
• Performed geospatial analysis using GeoPandas and folium
• Gathered data through APIs and web scraping
• Retrieved and analyzed data using PostgreSQL and SQLAlchemy
• Built and evaluated statistical and machine learning models using the scikit-learn and statsmodels libraries
• Applied natural language processing using the nltk and spaCy libraries
• Performed network analysis on graph data using Neo4j
• Built and deployed interactive data visualizations using the R Shiny library
• Source code version control with Git/GitHub
• Project management/tracking with GitHub project boards and issue tracking
• Interacted with AWS using the CLI and ssh

2020-08 - 2021-09

Supplier Quality / Program Quality Engineer
L3Harris, Santa Rosa, CA
• Analyzed supplier performance and developed improvement plans for identified problem areas.
• Assisted in the qualification process of new suppliers.
• Conducted supplier audits to detect pre-production weaknesses in supply chain and judge corrective action effectiveness.
• Managed contract quality requirement planning, flow downs, and related inspection instructions.
• Provided Quality Engineering support to manufacturing and test groups when required as part of a core team.
• Supported company-wide continuous improvement opportunities and initiatives.

2017-01 - 2020-07

Senior Supplier Quality Engineer
DENSO Manufacturing Tennessee, Maryville, TN
• Managed quality of 20+ electronic parts suppliers from product development stages to mass production.

Contact

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Skills

- Python (Pandas, geospatial, matplotlib, seaborn, scikit-learn)

- Jupyter Notebooks

- R (Shiny, ggplot2, tidyverse)

- R Studio

- SQL (PostgreSQL, SQLAlchemy, SQLite)

- Machine Learning (K-Means, KNN, Linear & Logistic Regression, SVM, Neural Network)

- Tableau

- Microsoft Office Suite

- Responsible for various electrical commodities such as connectors, antennas, resistors, capacitors, inductors, sensors, TFTs, LCDs, backlights, and semiconductors.
- Conducted supplier audits to analyze their quality management systems and evaluate process capabilities.
- Coordinated with suppliers to investigate root cause of part defects and implement countermeasures to prevent reoccurrences.
- Provided consultation support to determine new suppliers as part of a cross functional team.

Education

2021-09 - Current

Data Science Bootcamp

Nashville Software School - *Nashville, TN*

2012-08 - 2016-12

Bachelor of Science: Electrical Engineering

Tennessee Technological University - *Cookeville*, *TN*

- Member of Theta Tau Professional Engineering Fraternity