IBRAHIM HUSSAINI

(248) 880-4885 | ibrahimik1012@gmail.com

SUMMARY

Data Scientist with years of experience applying data science techniques across a wide range of applications. Detail-oriented professional with strong technical proficiency in SQL, R, and Tableau. Highly motivated with the ability to act in various capacities in order to implement data initiatives that help stakeholders make business decisions. Seeking a Data Science and Machine Learning role that offers a rewarding work environment with opportunities to utilize management skills.

EDUCATION

Wayne State University

Bachelor of Science
Major: Computer Science
Graduated May 2023 | Detroit, MI

Relevant Courses:
Deep Learning, Operating Systems, Computer Networking, Software Engineering

Certifications

- IBM Machine Learning Professional
- Machine Learning on Google Cloud
- Leading People and Teams Specialization

Currently Enrolled:
Amazon Web Services - Solutions Architect

EXPERIENCE

Software Engineering Internship | Wolverine Advanced Materials

07/2021 - 08/2022 | Dearborn, MI

- Collaborated with data engineers and operation team to implement ETL process, wrote and optimized SQL queries to perform data extraction to fit the analytical requirements.
- Led the implementation of machine learning, databases, data scraping, VBA, and Python into various projects for the company.
- Used Python 3.X (NumPy, SciPy, pandas, scikit-learn, seaborn) to develop a variety of models and algorithms for analytic purposes.
- Leveraged MS Access as a front end to create reports and forms using visual basic for applications (VBA), with data from MySQL servers.
  - Wolverine Advanced Materials | Machine Learning Program create a model that predicts shim grades for customers.
  - Wolverine Advanced Materials | Data scraping tool Get shim grade data from word docs and store the data into a database using pandas and sqlite3

PROJECTS

Market Stability Forecasting Program | General Motors

1/2023 - 04/2023 | Detriot, MI

- Carry out exploratory data analysis research with a black swan instability index to create machine learning models that predict the effects of the industry 12 months in the future.

Sentiment Analysis for Youtube comments

08/2022 | Farmington Hills, MI

- Create a program that determines the if a comment has a negative sentiment and categorizes, in 7 categories, what type of comment it is using the youtube API, NLP and Sentiment Analysis.

Recurrent Neural Network Market Analysis Program

4/2023 | Detriot, MI

- Creating a program that predicts the LOW and HIGH prices of a stock that happens within the week using LSTM in tensorflow, Yahoo finance api, and historical stock data.

Convolutional Neural Network Image Predictor

03/2022 | Detriot, MI

- Creating a program that predicts the number based on an image accurately using the MNIST data set and CNN from tensorflow.

SKILLS

Technical Skills:
Python (tensorflow, pandas, scikit-learn, NumPy, seaborn), C++,
SQL, MySQL**,** Flutter, Firebase

Tools:
Power BI, Spark, Git-Hub, Jupyter Notebook, Vertex-ai, Microsoft Excel, Android Studio, Visual Studio, Pycharm

Soft Skills:

- Entrepreneurial
- Improving Customer Experience
- Time Management
- Problem-Solving
- Good Communication
- Detail Oriented