

Mohammed Yasser H



Profile Summary

Certified Machine Learning Professional with over 1.8+ years' experience in leading industry projects. Possessing a strong foundation in Mathematics & Statistics, with high competency in Predictive Modelling, Complex Data Processing & Algorithm Development. Passionate about cutting-edge technology & solving real-world problems.

Key Skills

ML Algorithms

Predictive Analysis

Data Visualisation

Model Development

Data Mining

Data Analytics

Quantitative Analysis

Probability, Statistics & Hypothesis Testing

Technical Skills

Tools: Python, Jupyter Notebook, SQL, Apache Spark, Hadoop HDFS & MapReduce, Linux.

Packages: Scikit-Learn, NumPy, SciPy, Pandas, Matplotlib, Seaborn, NLTK, BeautifulSoup, Statsmodels, Tensorflow.

Statistics: Statistical Analysis, Linear/Logistic Regression, Clustering, Graph Theory, Regularisations, Hypothesis Testing.

Mathematics: Linear Algebra, Matrices, Vectors, Differential & Integral Calculus, Probability.

Awards & Recognition

1. Above & Beyond Honour, **Veoneer**

Recognized for flawless performance in Q3 2020.

2. Best Overall Project, **NMIT**

Recognized for Final-year Project and Participation in Competitions

Contact Details

📍 **Location:** Bangalore

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Professional Experience

Machine Learning Engineer

Veoneer, Bangalore

Nov 2019 – Present

Roles & Responsibilities:

- Successfully delivered **Top Quality Reports** for **18+ projects**, while maintaining **OTD**.
- Fruitfully built numerous **Classification & Regression Models** to analyze the simulation data, depicting up to 36 features, while making optimal predictions, **reducing 66%** of the simulation cost & time.
- Deployed 6+ ML Models using **Flask Framework**, onto **Heroku Cloud & Vnet server**.
- Compiled complex simulation data, whilst creating numerous charts and graphs, to perform preliminary analysis & visualize data using different **Python packages** including **Matplotlib, Seaborn**, and **Plotly**.
- Employed advanced **Text Mining Algorithms** to facilitate organization, filtration, and extraction of information from large quantity of data files.

Education and Qualifications

Master of Science (MS) in Machine Learning & AI

Liverpool Jhon Moores University, England

Sep 2020 – In Progress

Course Modules:

- **Data Science with Python:** Python Basics | In-depth Study on Python Packages - Numpy, Scipy, Pandas, Sklearn, Matplotlib, Seaborn, NLTK, BeautifulSoup | Python Integration with Hadoop, MapReduce, and Apache Spark.
- **Machine Learning:** Data Pre-processing | Feature Engineering | Supervised Learning - Classification & Regression | Unsupervised Learning | Time Series Modelling | Ensemble Learning | Recommender Systems.
- **Deep Learning & Computer Vision:** Deep Learning with Keras & Tensorflow | Artificial Neural Networks | CNN | RNN | RBM | DBN | AutoEncoders | Deep Neural Net Optimization, Tuning & Interpretability | Image classification, GAN construction, Neural style & Object detection | Distributed & Parallel Computing for DL Mod | Deploying Deep Learning Models & Beyond.

Bachelor's in Engineering (BE)

Nitte Meenakshi Institute of Technology, Bangalore

Aug 2015 – May 2019

Key Highlights:

- Graduated with **200 credits**, while acquiring knowledge in 40+ Industry relevant subjects and 6+ Project works, scoring in the **Top 5 percentile** of the entire Branch.
- Acquired diverse Computer skills, and strong competence in programming languages like **C, C++, Java, Matlab & Python**.
- Also, developed great interpersonal, communication and leadership skills by **leading 4+ Group Projects**, building great milestone for Future Endeavour's.

Certifications

Prime Certificates:

- Machine Learning Advanced Certification Training, **Simplilearn** May 2019 – Nov 2020
- Deep Learning with Tensorflow, **IBM** Nov 2020 – Mar 2021
- Python for Data Science, **IBM** Jan 2018 – Sep 2020

Major Capstone Projects

Project 1

Products rating prediction for Amazon
Domain: **E-Commerce**

Project 2

Test bench time reduction for Mercedes-Benz
Domain: **Automobile**

Project 3

Improving customer experience for Comcast
Domain: **Telecom**

Project 4

Fare Prediction for Uber
Domain: **Transportation**

Project 5

Demand Forecasting for Walmart
Domain: **E-Commerce**

Project 6

Attrition Analysis for IBM
Domain: **Workforce Analytics**

Project 7

NYC 311 Service Request Analysis, Domain: **Telecom**

Project 8

MovieLens Ratings Analysis
Domain: **Engineering**

Project 9

Stock Market Data Analysis
Domain: **Stock Market**