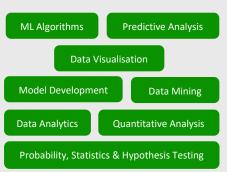
# **Mohammed Yasser H**



# **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**



## **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**

Above & Beyond Honour, Veoneer
Recognized for flawless performance in Q3 2020.
 Best Overall Project, NMIT
Recognized for Final-year Project and Participation

in Competitions

### **Contact Details**

**Q** Location: Bangalore**Q** Phone: +91 9738207862**Email:** yasser.h.719@gmail.com

in LinkedIn: linkedin.com/in/yasserh719

# **Professional Experience**

### **Machine Learning Engineer**

Veoneer, Bangalore

#### 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

Sep 2020 - In Progress

Nov 2019 - Present

Liverpool Jhon Moores University, England

#### 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)

Aug 2015 - May 2019

Nitte Meenakshi Institute of Technology, Bangalore

## 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
 Deep Learning with Tensorflow, IBM
 May 2019 – Nov 2020
 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 4

Fare Prediction for Uber Domain: Transportation

#### Project 7

NYC 311 Service Request Analysis, Domain: Telecom

### Project 2

Test bench time reduction for Mercedes-Benz Domain: Automobile

### Project 5

Demand Forecasting for Walmart Domain: E-Commerce

### Project 8

MovieLens Ratings Analysis Domain: Engineering

## Project 3

Improving customer experience for Comcast Domain: Telecom

### Project 6

Attrition Analysis for IBM Domain: Workforce Analytics

#### Project 9

Stock Market Data Analysis Domain: Stock Market