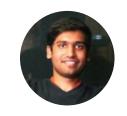
### HARSH MAHESHWARI

#### **Data Scientist & Automation Freak**

in Harsh-Maheshwari 🕠 Harsh-Maheshwari @ harshmaheshwari3110@gmail.com 📞 9834470295





### WORK EXPERIENCE

Data Scientist March '22 - Present

Blue Yonder **9** Bangalore, India

- Building production ready deep learning models using Tensorflow2.X, TFX, Kubeflow and Apache Beam to solve challenges in Supply Chain Management
- Working on problems like Logistic Optimization, Inventory Management, Sales Forecast, Delivery Time Prediction, Markdown predictions etc

Enterprise Data Automation # June '21 - March '22

ANZ Bank P Bangalore, India

- Responsible for processing APRA regulatory data & creating pipelines for 70+ source systems using ETL tools like IBM DataStage, Teradata & Control M
- Developed an end to end Data processing automation tool using Robot Framework & python for reducing the development & testing time by 50%
- Responsible for Creating & managing DataStage & Control M jobs in production to ensure correct loading of data from ascii, semi ascii or ebcdic files
- Leading an initiative to improve the technology culture & adoption the in bank.

Al Research, Prof. Bryan Hooi M Nov '19 - Dec '19

- Developed Temporal Attention model for node classification & link prediction and Analysed the dependency of graphs on time using dynamic models like Node2Vec, Temporal Node Embedding and Attention Walk
- Found efficiency & inefficiencies of models like TMF, CTDNE, BANE on different data sets for link prediction task and improved them to get AUC of 86% for College Messages dataset

Business Intelligence April '20 - June '20

- Built a micro-service with a Django web interface for predicting customer income with 90% accuracy using nominatim, scikit-learn, docker and Kubernetes
- Built XGboost regression model with features derived using KNN algorithm on geocoding information, customer address, customer history, transaction data

Innovation Cell **♀** IIT Bombay, India

- 15 students from different departments come together to innovate reality.
- Designed and developed an autonomous fixed wing for search and rescue missions customized for the IARC challenge. Integrated a ROS enabled camera system for detection of characters from a height of 50 meters on a flying drone
- Obtained accuracy of 94 % using transfer learning on MobileNetV2 architecture on custom aerial data set Also, Developed a multi-core zoom-in characters recognition model based on Char74 dataset using OpenCV & Keras

Modelling of Gas sensor data 

Aug '19 - Nov '19 Aug '19 - Nov '19 Aug '19 - Nov '19 Modelling of Gas sensor data 

■ Aug '19 - Nov '19 '

Prof. Sharad Bhartiya ♥ IIT Bomaby, India

- Analysed Concentration of CO and Ethylene based on sampling time, Auto correlation, cross correlation and DFT analysis on time varying sensor data.
- Analysed the system by introducing 1%, 10% & coloured noises using Impulse estimate, Step estimate Plots & ETFE and Predicted concentration of dynamic gas mixture using ARX, ARMAX, non-linear ARX models.
- Achieved best accuracy of 92.96% & 92.75% for concentration of CO and Ethylene resp. in the 1 step ahead prediction

## **₹** LIFE PHILOSOPHY

"Invest in the truly important things in life. Remember, everything that is worth something costs something."



Persistence & Patience

"Keep On Keeping On"



Go Giver

Value, Compensation, Influence, Authenticity, Receptivity



### EDUCATION

B.Tech. in Chemical Engineering **Indian Institute of Technology Mumbai** 

CGPA: 7.7

Semester Exchange

**Danmarks Tekniske Universitet** 

# Jan 2019 - June 2019

- AIR 735 among 13 Lakh in JEE Main
- AIR 1382 among 2 Lakh in JEE Advanced

# INTERESTS

Data Analysis & Modeling Machine Learning Big Data

**Deep Learning Computer Vision** 

Time Series Analysis

Dask, Modin

Graph & Network Analysis

# **TECHNICAL SKILLS**

TFX Kubeflow Apache Beam Docker **Kubernetes SQL** Robot Framework Python PyTorch keras Tensorflow Numpy **Pandas** ScikitLearn Opency Matplotlib Unix IBM DataStage Teradata Control M Django Julia Apache Spark Matlab