Taha Juzer Husain

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WORK EXPERIENCE

National University of Ireland   **Galway, Ireland**
 Teaching Assistant   *10/2020 - 05/2021*
- Assisted students with their doubts in the concepts and assignments for multiple subjects such as R programming for data science, Python programming, UML and Java programming.

Jio Platforms Ltd   Mumbai, India
 Data Engineer   07/2018 - 09/2020
- Developed PySpark codes to improve performance of current systems more than 50%.
- Implemented codes on Azkaban, Airflow scheduling for reduced downtime as compared to previous systems.
- Designed data pipelines using Informatica for transition of data from Data Lakes to the different database systems.
- Implemented shell scripts for mailing system to business stakeholders about the status of file processing.
- Played a critical role in migration of data from conventional systems to latest open-source technologies.
- Headed a team of 9 members in managing the Digital Marketing portals for better revenue and customer service.
- Improved customer experience by handling intricacies of each campaign delivered to more than 200 million customers.

EDUCATION

National University of Ireland   **Galway, Ireland**
 MSc. Computer Science (Data Analytics)   2020-2021
 Modules: Deep Learning, NLP, Web and Network Science, Data Visualization,
 Machine Learning, Large Scale Data Analytics
Shah and Anchor Engineering College   **Mumbai, India**
 Bachelors of Engineering in Information Technology   2015-2018

SKILLS AND INTERESTS
- Languages – Python, R, Java
- Machine Learning Frameworks - Sklearn, Keras, Spark ML
- Big Data Engines – Spark, Hadoop
- Databases – Hive, HANA, Sybase, Oracle
- BI Tools – Tableau

Personal Projects
- Object detection and classification model using tiny YOLO and TensorFlow to detect cars and predict the car type.
- Neural network implementation from scratch in Python using NumPy with an accuracy of above 90%.
- Neural machine translation system for translating and paraphrasing of sentences.
- Implemented machine learning model to predict house prices in India using Python with an accuracy of 85%.
- Implemented Naive Bayes algorithm from scratch using Java to categorize News Paper articles with an accuracy of 90%
- Tableau Dashboard implementation to predict the churn rate of customers in a bank. (10/2019 - 10/2019).

Certifications
- Machine Learning with PySpark (Datacamp)
- Streamlined Data Ingestion with pandas (Datacamp)
- Data Analysis with Python (Coursera).
- Introduction to R (Datacamp).
- Pandas Fundamentals (Pluralsight).

VOLUNTARY EXPERIENCE
Make in India (Government of India)   Mumbai, India
 Volunteer   02/2016
- Managed National Level Event starting from security to the execution of each event thus handling a crowd of more than 50,000 people.