Atharva Joshi

Data Science Student
Queen Mary University of London

24th April 1996

Flat No. 50, Aspire Point 210 High Street, London E15 2ZL

+44-7587039921

atharvanjoshi.github.io

atharvanj@gmail.com

About Me

I am a Data Science Master's Student at the Queen Mary University of London. I have also done a Post Graduate Diploma in Data Science. I am looking for a placement year or a full-time job in the same field. I wish to bring a positive change to the world using the power of data. I am originally from India and I love to read and play the keyboard.

Skills

Python

MySQL

C#,Xamarin.Forms

QMUL Modules

Semester 1 (Sept 2020 - Dec 2020)
Natural Language Processing
Applied Statistics
Big Data Processing
Data Mining
Semester 2 (Jan 2021 - April 2021)
Machine Learning
Deep Learning and Computer Vision
Neural Networks and NLP
Cloud Computing

Work Experience

Infosys Ltd. Systems Engineer 24th September 2018 - 4th September 2020

1. Developing Cross Platform Applications (Android and iOS) *in* Xamarin.Forms *Technology based on* C# and XAML using DevOps methodology.
2. Played a pivotal role in Development and Implementation of Pilot Projects and ensuring high quality deliverables.
3. Effectively collaborated with team members to ensure smooth functioning and progress of the project.
4. Coordinated with clients to understand and implement complex requirements.
5. Arranged and presented POC Demos for upper management as well as the client.
6. Awarded with a Certificate of Appreciation *for my performance in the company.*

Education

N/A — MSc. Big Data Science with I.E. — Sept 2020 - Sept 2022
Queen Mary University of London

A Grade — Post Graduate Diploma in Data Science — April 2019 - Present
Currently pursuing a Post Graduate Diploma in Data Science from IMS ProSchool, Pune, Maharashtra, India *which is a* National Skills Development Corporation *approved course.*
Course Details:

1. *Business Analytics: Statistics, Python, R, Tableau, Basic Machine Learning (Regression, Classification, Clustering, etc.)* - Completed
2. *Advanced Machine Learning: Boosting, Regularisation, Text Mining, SVMs, Neural N/W, TensorFlow, etc.* - Completed
3. *Big Data Technologies: Hadoop, Hive, etc* - Pending

63.61% — B.E. Information Technology — June 2014 - May 2018
Savitribai Phule Pune university

71.69% — 12th (Computer Science) — April 2013 - March 2014
Dr. Kalmadi Shamarao Junior College, Pune (Maharashtra State Board)

84.55% — High School — April 2011- March 2012
S.P.M. English School, Pune (Maharashtra State Board)

Certifications

- Infosys Xamarin Certified Developer
- Infosys Certified Python Programmer and Python Associate.
- Mathematics for Machine Learning: Specialisation by Imperial College London - Coursera
  - Linear Algebra
  - Multivariate Calculus
  - PCA (Pending)

Publications

- E-Health Monitoring and Detection using Wireless Sensor Networks 2018- *International Engineering Research Journal*

Projects Undertaken

CRF Tagging of Movie Queries (December 2020)

Tagging on the movie queries dataset first done using IOB tags and then improved by adding more features and also through the usage of POS tags. Achieved a Macro Average F Score of 0.73.

Deception Detection of Amazon Reviews (October 2020)

Detecting whether an Amazon review is fake or not by performing necessary preprocessing and using Support Vector machines for prediction thus achieving 80% accuracy.

Sentiment Analysis of Tweets (January 2019-February 2019)

Extracting tweets using Tweepy Library, understanding data, creating word clouds and then perform sentiment analysis using Logistic Regression, Decision Tree and Neural Networks by TF-IDF vectorizer.

Survival Prediction on RMS Titanic Dataset (September 2019-October 2019)

Performing Exploratory Data Analysis on RMS Titanic dataset and using various prediction techniques like Logistic Regression, Decision Trees and Random Forest and deciding which gives the best results by Hyperparameter tuning.

E-Health Monitoring and Detection using Wireless Sensor Networks (July 2017-June 2018)

A project that includes real time monitoring of a patient's vital signs and also alert emergency services in case of catastrophes. Doctors can monitor patient data, suggest medicine, etc. Doctors and Patients can both book appointments. Used JSP and Java for developing web server. Used android for smart device application. Used Arduino Uno and sensors for sensing and sending information.

Statistical Analysis of Basketball players using K-Means (December 2017-April 2018)

Front End was developed using Java while Cassandra was used as a database. It stored player information like Jersey No. (Primary Key), Name, Baskets, Age, etc. We could add, modify as well as delete data. Using K-means we could classify the players as Low, Medium and High with respect to performance.

Other Personal Details

- Father's Name: Niranjan Manoher Joshi
- Alternate Email Address: atharva.j@hotmail.com
- Alternate Contact No.: +91-9823022320
- Nationality: Indian
- Languages Known:
  - English
  - Marathi
  - Hindi