Atharva Joshi

Data Science Student
Queen Mary University of London

24th April 1996

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Career Objective –

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organization goals.

Skills

- Python
- MySQl, SQL Server
- R Programming
- C#,Xamarin.Forms

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. Awarded with a Certificate of Appreciation *for my performance in the company.*

Modules

Semester 1 (September 2020 - December 2020):
ECS763P: Natural Language Processing
ECS764P: Applied Statistics
ECS765P: Big Data Processing
ECS766P: Data Mining

Semester 2 (January 2021 - April 2021)
ECS708P: Machine Learning
ECS795P: Deep Learning and Computer Vision
ECS7001P: Neural Networks and NLP
ECS7005P: Risk and Decision Making for Data Science and AI

Education

N/A — MSc. Big Data Science with I.E. — September 2020 - Present
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.* - Pending
3. *Big Data Technologies: Hadoop, Hive, etc* - Pending

63.61% — B.E. Information Technology — June 2014 - May 2018
Marathwada Mitra Mandal's College of Engineering, Pune (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.
- Infosys Certified Tableau Desktop Developer.
- 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

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.

Extra Curricular Activities/Interests and Hobbies

- Reading novels, magazines, etc.
- Watching Movies and TV shows. (Received a prize in a competition on same topic.)
- Badminton

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