# Atharva Niranjan Joshi

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## SUMMARY

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

**Data Science**: Python, SQL
**Programming**: C#
**Mobile Application Development**: Xamarin.Forms

## EXPERIENCE

**Systems Engineer**, Infosys Limited *Sep 2018 - Sep 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 the 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

**Master of Science (MSc.)**, Big Data Science with Industrial Experience *Sep 2020 - Sep 2022*
Queen Mary University of London GPA: N/A
**Post Graduate Diploma**, Data Science *Apr 2019 - Jan 2021*
IMS ProSchool, Pune Grade: A
**Bachelor of Engineering (B.E.)**, *Jul 2014 - Jul 2018*
Savitribai Phule Pune University Percentage: 63.61
**12th (Equivalent to A - Level in the UK)**, Computer Science *Feb 2013 - Feb 2014*
Maharashtra State Board Percentage: 71.69
**10th (Equivalent to GCSE in the UK)**, *Mar 2011 - Mar 2012*
Maharashtra State Board Percentage: 84.55

## MODULES FOR MASTER'S

- Natural Language Processing
- Applied Statistics
- Big Data Processing
- Data Mining
- Machine Learning
- Deep Learning and Computer Vision
- Neural Networks and NLP
- Cloud Computing

## 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 and PCA(Pending))

## PROJECTS

### 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 patients 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.

## PUBLICATIONS

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

## OTHER PERSONAL INFORMATION

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