

Arafath Khan Mohammad

Data Scientist

Aspiring to work in Data Science environment where I can utilise my data science skills to enhance the growth of organisation. 1.8+ years of Progressive research and practical experience of working in real world ML/DL research projects and software development.

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WORK EXPERIENCE

Research Associate/Data Scientist

Institute for Development and Research in Banking Technology

01/2019 – Present Hyderabad, India

R & D Established by Reserve Bank Of India (Payroll Teamlease Services Pvt Ltd)

Achievements/Tasks

- Implemented document classification and Information retrieval for a Regulator
- Developed a commercial tool for bankers which contains Data mining, Machine Learning and Text Mining tasks based on R language.
- Built a chat-bot as question answering system for banking domain.
- Helped in conducting CAO Forum and EDP's for Bankers

Data Associate

Amazon Development Centre India Pvt Ltd.

09/2017 – 08/2018 Hyderabad, India

Achievements/Tasks

- Involved in Data creation, curation, and analytics services to help develop, test, and train the Alexa AI.
- Worked with internal customers like Machine Learning Science modeling teams by providing critical data required to improve Alexa's Automatic Speech Recognition, Natural Language Understanding models and Domain features.

CERTIFICATES

PGP in Big Data Analytics & Optimization
(03/2018 – 09/2018)

International School Of Engineering (INSOFE), Hyderabad

Oracle Certified Java Professional
(07/2015 – 03/2016)

NIIT Institute, Hyderabad

Oracle certification in SQL Fundamentals
(07/2015 – 03/2016)

NIIT Institute, Hyderabad

EDUCATION

B.TECH

Swarna Bharathi College of Engineering
(JNTUH)

06/2011 – 06/2015

Khammam, Telangana

Courses

- Electronics & Communication Engineering

SKILLS

R, Python

R-Studio, Jupyter notebook, spyder

Data Mining, Machine Learning, NLP, Deep Learning

Knime, Weka, SAS

PROJECTS

Sentiment Analysis

IDRBT

01/2019 – 04/2019

Tasks/Achievements

- Crawled tweets from Twitter and performed analysis on it, It is binary classification
- Methods Used: TF-IDF, W2V Upon SVM, Logistic Regression, Decision Trees, XGBoost, Navie Bayes

Churn Prediction

IDRBT

04/2019 – 05/2019

Tasks/Achievements

- Worked on bank customer data to find whether a customer is going to Churn or not.
- Methods Used: Logistic Regression, SVM, XGBoost, Decision Trees, Navie Bayes

Amazon Fine Food Reviews

IDRBT

05/2019 – 07/2019

Tasks/Achievements

- Amazon Fine Food reviews is a collection of product reviews of each customer. After Pre-processing performed all Classification algorithms to achieve good results.
- Methods Used: TFIDF and W2V upon SVM, Decision tree, Logistic regression, Random Forest, XGBOOST, Naive Bayes, CNN, LSTM, CNN+LSTM, Bi-LSTM+CNN

LANGUAGES

English



Hindi



Telugu

