

Muhammad Kamran

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EXPERIENCE:

7/18 — 8/19

Invent Forces

DHA Phase-VIII Lahore

Data Scientist:

- Design and development of ML based systems using Data Science and Big Data tools and techniques to provide solutions for a wide variety of problems in different domains.
- Design of data pipeline i.e. From Data Analytics to Cleansing, train/test split and model training.
- Work on the implementation of different ML algorithms.
- Run experiments for different ML based models to validate their performance.

10/16 — 6/18

ITU

ASTP Lahore

Graduate Fellow:

- Assist a faculty member in his research work.
- Worked in Data mining field as research associate.
- Assist a faculty member in his course to prepare lecture contents and prepare, take, check assessment activities including quizzes, assignments and exams, also assist to prepare results.
- Invigilation of students while quizzes and exams.
- Assisted teachers in Computing fundamentals, OOP, Data Science and Big Data Analytics.

Software Engineer:

- Develops business applications for iPhone.
- Performs analysis of problems to overcome risks and enhance quality.
- Help team in problem understanding and solving them to increase team efficiency.

EDUCATION:

- Master of Science in Computer Science (June 2018) from ITU Lahore with **3.87 CGPA**.
- Bachelors of Science in IT (July 2014) From PUCIT Lahore with **3.83 CGPA**.
- Inter (Pre-Eng.) in Science (September 2010)
From Govt. College of Science Lahore with **78% marks**.
- Metric in Science (August 2008)
From Govt. High School Muridke with **85% marks**

Research Interests:

- Data Science, Machine Learning & Big Data Analytics.

SKILLS:

- Proficient in data analysis and Visualization using RapidMiner, WEKA.
- Proficient in Python, R, Objective C, C++, C#, Java and JavaScript.
- Good in Time Series analysis.
- Good in working with Microsoft's ML studio.
- Proficient in English (Verbal and written)

Projects:

- **Stock Price prediction** on day closing time using historical data and social media contents (**MS Thesis**).
- **IBNR**: Prediction of revenue generated by medical events, which have been occurred but not reported yet.
- **Forecasting**: Forecast revenue generated by medical events that will occur in future.
- **Naïve Bayes Implementation** in distributed environment.
- **Chat Ride Play Wild**: a web application for social interaction and fun in a campus).
- A couple of iOS apps like Stolik, ToothFairy, FAW, Patient Feedback and Auction House (**BS FYP**).