MUHAMMAD MUSTAFA ALI USMANI

A passionate problem solver inclined towards Data and Software Engineering

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OBJECTIVE

Innovative **Computer Science student** and **Software Engineer** seeking to utilize and improve skill set in the fields of **Data Science**, **Deep Learning**, **Application/Web Development**.

EDUCATION

Pursuing BS in Computer Science
National University of Computer and Emerging Sciences (FAST)
3.02/4.0 CGPA

📅 2018 - 2022   📍 Karachi,Pakistan

Dean's List : **4th** & **5th** Semester

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Intermediate (Pre-Engineering)
Aga Khan Higher Secondary School
77.37 %

📅 2016 – 2018   📍 Karachi,Pakistan

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O Levels
Beacon House School System
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📅 2005 - 2016   📍 Karachi,Pakistan

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SKILLS

- **Programming Languages:**

  C++, Python(Tensor flow Keras) , R , JavaScript, TypeScript
- **Data-Analytics Tools:**

  Python - Pandas, Scikit-Learn, MatPlotLib, Seaborn ,R- ggplot2 Lattice, MS Excel
- **Framework:**

  React Native, Angular, Node.Js
- **Databases:**

  MongoDb, MySQl , SQLite
- **Technologies:**

  Git, GitHub, JIRA, Bitrix24, JSON, Shell, Postman

WORK EXPERIENCE

- **Software Engineering Intern at Skynners (Pvt.) ltd. (December 2020- March 2021)**

  -Developed software applications on **React Native** and **Angular JS** using **PHP APIs** and **SQL** database based on analyzed requirements and understanding of industry technical standards
- **Teacher Assistant (Parallel and Distributed Computation) at FAST-NUCES (February 2021-May 2021)**

  -Assess student assignments,quizzes and projects to check quality and completeness for grading.

PROJECTS AT SKYNNERS

- **Website for Kashish Music**

  Developed the front end of the website using **Angular** with functionalities like music player using **HowlerJs**
- **POS Management Website**

  Developed the front end of the website using **Angular** and implemented back end functionalities like product unit conversion and invoice generation download
- **Supplier App for Nature Pure**

  Developed **React Native** application for drivers to managing deliveries , also worked in **R/D** for **Geo tracking** and **offline data persistence**

ACADEMIC PROJECT

- **Togepi- Text Summarization (in process)**

  Developing a deep neural model for text summarization using **bidirectional LSTM** on **NewsRoom** data set
- **Credit Card Fraud Detection**

  Developed a deep neural model using binary classification for detection of a credit card fraud
- **Inventory Management System with Data Analysis Dashboard**

  Worked as a full stack developer (**MEAN**) to create this website, dashboard was made using **R** and **R shiny**
- **Algorism-A Dynamic Programming Website**

  Worked as a full stack developer (**MEAN**) to create this website, Visualizations of Algorithms were shown using **R** , **Python** and **R shiny**
- **Text Predictor**

  Developed a **R Shiny** application for predicting the next possible text
- **Corona Assistant**

  Developed a **React Native** Application used for locating Hospitals and centers in the vicinity and giving updates regarding local and global stats
- **Into The Void**

  Developed a 3D game on **unity** using **C#**

COURSES

- **Data Science Specialization** - Johns Hopkins University
- **Presidential Initiative for Artificial Intelligence Computing (PIAIC) (Second Quarter)**
- **Deep Learning Specialization** – deeplearning.ai
- **Sequences, Time Series and Prediction** – deeplearning.ai
- **Python for Everybody Specialization** - University of Michigan
- **SQL for Data Science**-University of California, Davis
- **AI for Medical Diagnosis**– deeplearning.ai

CO-CURRICULAR ACTIVITIES

- **General Secretary** - Think N Create Society (2020-2021)
- **Guest Relation Executive** - ACM-Dev Day (2021)
- **Developer** -Google Developer Student Clubs (2019-2020)