

Shozab Hussain

Karachi, Pakistan

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EDUCATION

- **Lahore University of Management Sciences (LUMS)** Lahore, Pakistan
Bachelor of Science - Computer Science; CGPA: 3.79 *Sept 2019 - Present*
Courses: Advanced Programming, Software Engineering, Operating Systems, Algorithms, Data Structures, Network-Centric Computing, Blockchain, Network Security, Statistics and Data Analysis, Management, Differential Equations, Data Science, Machine Learning, Artificial Intelligence
- **Beaconhouse College Campus Gulshan** Karachi, Pakistan
*Cambridge A-Levels; Grades: 3A*s (100% Merit Scholarship)* *Sept 2017 - May 2019*
Subjects: Physics, Chemistry, Mathematics

SKILLS SUMMARY

- **Languages:** C, C++, JavaScript, Haskell, SQL, Python, Solidity, STATA
- **Frameworks:** Scikit, NodeJs, React JS, MongoDB, Pandas
- **Tools:** GIT, Google Colab, VS Code, Miro, Canva, Draw.io
- **Platforms:** Linux, Windows
- **Soft Skills:** Time Management, Consistency, Strong Communication, Passionate Learner, Teamwork

PROJECTS

- **Supply Chain Web App — Blockchain — Stacks, React JS, Material UI** : Group based project developing a web application to integrate NFTs in supply chain. Used Tailwind CSS to develop front-end.
- **ML-Language Detector — Python (ScikitLearn, Matplotlib, Numpy)** : Multiple Machine Learning models (Logistic Regression, SVMs, Neural Networks, Random Forests and Decision Trees) were employed to categorize human speech into one of 'English', 'Urdu' and 'Mixed'. The dataset and the logistic regression model were built from scratch, while the rest were implemented using the Scikit-learn library in python.
- **Analysis and Modelling of Early Stage Diabetes Risk Prediction Dataset** : A machine learning model (Logistic Regression), implemented using Scikit-learn library in python, that predicted the chance of a patient having diabetes with over 90% accuracy. The dataset was produced by Sylhet Diabetes Hospital in Bangladesh. Also published a detailed article on medium regarding the project.
- **Multi-layered Neural Network for image classification**: A multi-layered neural network from the scratch, implemented using NumPy library in python, which attained an accuracy of 86% on the 'Fashion MNIST' dataset.

HONORS AND AWARDS

- Placed on dean's honor list - May 2020, May 2021
- Gold Medalist in A levels for academic excellence - Sept 2019
- Received Meritorious award from Habib University for academic excellence - Jan 2019
- Peer Tutor in A levels
- Received high achievers award from Pearson Edexcel in recognition of O levels result - Dec 2017

EXTRA-CURRICULAR ACTIVITIES

- **Member at LUMS Media Arts Society** Lahore, Pakistan
Registrations Department *Aug 2019 - May 2020*