# Huzaifa Abid

📞 +92-3118130003    ✉ [huzaifa.abid50@gmail.com](mailto:huzaifa.abid50@gmail.com)    🔗 [www.linkedin.com/in/ihuzafaone/](http://www.linkedin.com/in/ihuzafaone/)

## Education

**UNIVERSITY OF ENGINEERING AND TECHNOLOGY (CGPA – 3.7/4)**     Lahore, Pakistan
*Bachelors in Information Technology (Computer Science)*     2019-2023

**GOVERNMENT COLLEGE UNIVERSITY LAHORE (Grade - A)**     Lahore, Pakistan
*Intermediate in Pre-Engineering*     2017-2019

## Professional Experience

### Data Science

- Intern (Data Science) - **Programmers Force** (June 2023 -July 2023)
- Applied ML models to telecommunication churn datasets, apply detailed data analysis and predictive modeling.
- Collected and augmented real-time ID card datasets of programmer's force employees, **employing ResNet50, VGG, and Inceptionv3 models for efficient ID card verification.**
- Prepared comprehensive documentation for the KYC product, ensuring clear understanding and smooth implementation of the **Know Your Customer solution.**

## Courses And Certifications

- Python with ML and AI Intelligence at **ITU (Information Technology University) Lahore.**
- Supervised Machine Learning by DeepLearning.AI and Stanford University from **Coursera**
- Advanced Learning Algorithms by DeepLearning.AI and Stanford University from **Coursera**
- Data Warehouse and ETL by **Nicholas Fuller**

## Additional:

**Technical Skills:**
Data Wrangling, Data Analysis, MS Office, DSA, SQL, ETL, Data Warehouse

**Programming Languages:**
C++, Python

**Interests:**
Generative AI, Computer vision, LLM Data Science, Cloud Technologies

## Machine Learning Project:

- SONAR Rock vs Mine Prediction
- Diabetes Prediction
- House Price Prediction
- Fake News Detection
- Loan Prediction System
- Car Price Prediction
- Gold Price Forecasting

- Credit Card Fraud Detection
- Breast Cancer Classification using Neural Network
- MNIST Handwritten Digit Classification
- Dog vs Cat Classification using Transfer Learning
- CIFAR-10 Object Recognition using ResNet50 with Transfer Learning

## Final Year Project

### Water Monitoring system using wireless sensor network

FYP project involves collecting data from a device which consists of a microcontroller, an Arduino, a temperature sensor, and a TDS sensor. The collected data will be sent to the cloud and then transferred to an application that utilizes map APIs to display the location of nodes on a map. When a specific node is clicked, the application will display the water quality or data related to the water at that particular location. This project aims to provide an efficient way to monitor water quality by collecting and displaying data in a user-friendly and visually appealing.