

## HAMZA ALI

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• [Portfolio](#) • [GitHub](#) • [Kaggle](#)

• Age: 22



### Objective

*As a student of Computer Systems Engineering at UET Peshawar, my objective is to leverage my skills and expertise in Machine Learning and Deep Learning by working as an internee at your company. I am seeking a role that will challenge me to continually grow and develop my skills while contributing to the success of the company.*

### Education

#### UNIVERSITY OF ENGINEERING AND TECHNOLOGY

Bachelor of Computer Systems Engineering

Peshawar, KPK

2020-2024

#### IIUI SCHOOLS AND COLLEGES

Faculty of Science (Pre-Engineering)

Mansehra, KPK

2018-2020

### Professional Experience

#### AMSUS Technologies

WordPress Developer (Remote)

October 2021 — January 2022

Lahore, Pakistan

- *Theme Customization:* I have the skill for tailoring WordPress themes according to the site type
- *Plugin Management:* I learned how to add and configure useful plugins to enhance website's features
- *Responsive Design:* I got experience in creating websites that adapt to different screen sizes (e.g., mobile, tablet, desktop)

#### TECHNOCOLABS

Data Science Intern (Remote)

December 2022 – February 2023

Indore, India

- *Data Analysis:* Basic statistics for analyzing data also perform data wrangling and feature engineering for better model performance
- *Data Visualization:* Basic insights of data to understand the data
- *Machine Learning Operations:* Training and testing of ML models and then deployment of the model using Flask

### Academic Experience

#### Diabetes and Diabetic Type Prediction

Diabetes type prediction with database and deployment

- *Decision Trees and SVM:* SVM and Decision Trees as ML models with the accuracy of 97%
- *Deployment of ML Model:* Flask for the deployment of the model with register, login and dashboard
- *My SQL Database:* Database to store patient's history

#### Hand Written Digit Classification

Training of Neural Networks to recognize the hand written digits having accuracy of 97%

- *MNIST Dataset:* I use MNIST dataset from KERAS having 70000 hand written words
- *Neural Network Architecture:* ANN having 101770 trainable parameters and softmax as an activation function

### Honors and Awards

#### ONLINE COURSES

- Python for data science, AI and Development (Coursera 2021)
- Databases and SQL (Coursera 2022)
- Data Analysis (Coursera 2022)

- Data Visualization (Coursera 2022)
- Data Cleaning (Kaggle2022)
- Feature Engineering (Kaggle 2023)
- Data Manipulation with Pandas (Data Camp 2023)
- Machine Learning for Data Science (Coursera 2023)
- Deep Learning (CampusX 2023)

#### Additional

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- Technical Skills: C++, Python, SQL, HTML, CSS, LINUX
- *Interests*: Sports, Fashion
- *Language*: Urdu, English, Hindko