Muhammad Zuhaib

Computer Systems Engineering Student

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○ GitHub 🔗 Portfolio

🪪 Profile

Motivated Computer Systems Engineering undergraduate with a strong foundation in Machine Learning and programming languages including Python, Java, and C++. Enthusiastic about leveraging ML to solve real-world challenges and driven by a passion for embedded systems and smart technologies. Committed to building innovative, impactful solutions through hands-on projects that blend intelligence with practicality.

🎓 Education

Bachelor's in Computer Systems Engineering
Sukkur IBA University ↗
2022 – present
CGPA: 3.68

Intermediate
IBA Community College Naushero Feroze ↗
2018 – 2022

🎖 Award

1st-Position in Project Exhibition
SIBAFEST, Sukkur IBA university

🚀 Interest

- Passionate about Machine Learning and its
  integration with embedded systems.

🌐 Languages

English ● udru ● Sindhi

🗂 Projects

Real-time Speech Emotion Recognition ↗
using Python and ML

Leaf disease detection ↗
using python and ML

House Price Prediction ↗
using ML (Linear Regression)

Tumor Detection System
with MATLAB

Image Compression for Efficient Storage and Transmission ↗
using Python and DSP

Audio Signal Enhancement for Noisy Environments
using Python and DSP

Bank Management System
using C++

Electronic Voting Machine
using Java

Smart Sign Glove ↗
using Arduino ,Python and ML

Smart Office simulation ↗
using Cisco packet tracer

Solar Tracking System
using Arduino

🧠 Skills

Programming Languages   ● ● ● ○ ○
C, C++, Java, Python, MATLAB

Software Development   ● ● ● ○ ○
Object-Oriented Programming (OOP), Data
Structures & Algorithms

Embedded Systems & IoT   ● ● ● ● ○
Arduino, ESP32, Adafruit IO, Sensors &
Actuators

Machine Learning   ● ● ● ● ○
Supervised & Unsupervised Learning, Model
Evaluation, Feature Engineering

Databases   ● ● ● ● ○
 MySQL,Oracle

Hardware & Electronics   ● ● ● ○ ○
Circuit Design, Microcontrollers, Sensors
Integration

📑 Certificates

Data Analyst Course
Level 1

Machine Learning with Python
Coursera

Programming for Everybody
Coursera

Project Exhibition
Sukkur IBA University

Project Exhibition
 IBA Community College