SYED MUHAMMAD HUSSAIN

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EDUCATION

Habib University
*BS major in CS and minor in ECE - **CGPA - 3.42***
Aug 2020 – Aug 2024
Karachi, Pakistan

DJ Science Govt. College
*Pre-Engineering **Percentage - 81%***
Sept 2018 – Sept 2020
Karachi, Pakistan

COURSEWORK / SKILLS

- Python
- C++
- Software Engineering
- Deep Learning
- Data Science
- Blockchain Development
- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- Android Development
- Robot Operating System
- MATLAB
- CoppeliaSim(VREP)
- Figma

MAJOR REPORTS/RESEARCH WORK/PROJECTS

ORB-SLAM ↗ | Rasberry-Pie and ROS
Aug 2022

Arabic Phonemes Classification Using CNN ↗ | Deep Learning
Dec 2022

Navigation ↗ | GPS, IMU Drivers and ROS
Aug 2022

Home Automation System ↗ | IOT and Micro Controller
Aug 2021

Movie, Fashion, Book Recommender System ↗ | Machine Learning Models
May 2022

Object Tracking and Emotion Detection ↗ | Computer Vision and Mediapipe
Jun 2022

Lottery and Crowd funding Application ↗ | BlockChian and Solidity
Jan 2022

WORK/INTERNSHIP EXPERIENCE

Habib Bank ↗
Project Intern in Cyber Security dept.
July 2022 – Aug 2022
Karachi, Pakistan
- Working as a SOC analyst.
- Hands on Practice of Splunk and Q-RADAR tool.

Habib University ↗
Research Project Assistant
May 2022 – Dec 2022
Karachi, Pakistan
- Cost effective Dividing Machine Project.
- Localization and Navigation Problems

FIVER ↗
Freelancer
Oct 2021 – Dec 2022
Karachi, Pakistan
- Block Chain Smart Contracts
- Deep Learning Algo
- Data Analyst

EXTRACURRICULAR

PAKISTAN SCIENCE CLUB ↗
Workshop Organizer
Sept 2021 – Jan 2022
Karachi
- Module Lead of Organizing Programming Workshop

ROBOTRONICS ↗
Workshop Organizer
Dec 2022 – Dec 2022
Karachi
- Winter's workshop for Robotic enthusiast student

MEDIUM BLOG ↗
Article's
Karachi
- Early Childhood Development And Interaction With Technology In Pakistan
- Understanding of Human-Computer Interaction

SCIENCE OLYMPIAD (ATOMOS) ↗
Module Lead
Dec 2022 – Dec 2022
Karachi
- Designed and lead the STEM module, Competition Manuals, and Study Guides.