Muhammad Hassan Shahid
Software Engineer

A problem solver and an ambitious learner, knows how to tackle sticky wickets, can work under immense pressure, and has exceptional leading skills.

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○ github.com/muhammadhassan870

SKILLS

`MS OFFICE` `C /C++`

`Machine Learning`

`8051/8086 Assembly Programming`

`SQL` `Mongo DB`

`HTML, CSS, JS`

`REACT`

`REACT NATIVE`

`Node.js` `Django`

INTERESTS

`AI` `IOT`

`ROBOTICS`

`DATA SCIENCE`

`Machine Learning`

`DATABASE`

`Web DEVELOPMENT`

`Cricket`

EDUCATION

Specialization Computer Engineering
FAST NUCES

07/2017 - Present   *cgpa 3.0 in all computer course*

Courses

- Machine Learning
- Operating Systems
- Embedded Systems
- Computer Organization and Architecture
- Data Structure and Algorithms
- Fundamental of Databases
- Microprocessor and Assembly Language
- Data Communication and Networks

F.SC (Pre-Engineering)
Forman Christian College

09/2015 - 06/2017   *Grade A*

SOCIETIES

Extended Executive member of IEEE (01/2020 - Present)

FAST CARE (06/2019 - Present)
academic and non academic Community Service

FAST DEBATING SOCIETY (07/2017 - 12/2017)
Participated in inter university debating competition

Executive Member of SOFTEC (02/2019 - Present)

CERTIFICATES & ACHIEVEMENTS

Ambassador of Developer Student Clubs (03/2020)
Geek Week 2020

Dean's Honor Certificate (08/2018 - 06/2019)
Achieved Dean's Honor Certificate twice (https://www.nu.edu.pk/Campus/Lahore/DeanLists)

PNY react.js Developer Certificate (09/2020 - 03/2021)

Second Position in Softec Programming Competition in FAST (03/2018)

PERSONAL PROJECTS

Speedbump and Pothole detection System (09/2020 - 06/2020)
- Data gathering using Mobile Sensor Gyroscope
- Real time prediction using Machine Learning
- Integrating Google maps to record pothole location
- Cross platform mobile phone app

Uber Database System (01/2020 - 07/2020)
- Found shortest path of multiple routes using Djisktra Algorithm

MACHINE LEARNING Based Project Fake News Detection (06/2020 - 11/2020)
- Classified news using traditional Machine Learning model (Logistic Regression and Decision Tree Classifier), implemented the Classification Algorithm using Recurrent Neural Networks and LSTM, comparing the accuracy, precision and F1 scores.

Automatic Door Lock System (09/2019 - 12/2019)
- Using 8051 micro controller