

Muhammad Ehsan Ullah

Computer Engineer

Highly organized and hard-working individual looking for a responsible position to begin his career in a high-level professional environment, where he can make use of his interpersonal skills to achieve goals of a company.

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EDUCATION

Bachelors in Computer Engineering

National University of Science & Technology

08/2016 – 08/2020

PROJECTS

Medical Benefits Management (FYP)

- Development of an AI enabled fraud detection mechanism for health care support system. System will generate digital alarms on suspicious transactions.

Cloud based Client/Server application using socket programming in C

- Local cloud based client/server application. Multiple clients can connect to the server and they can save and retrieve any type of file.

Water Reservoir Automation System using PIC Micro-controller

- Sonar sensor measures the water level and sends information to PIC micro-controller. Information is displayed to attached LCD and attached water pump is turned on or off accordingly.

Virtual Hard Disk Implementation using C++ Data Structures

- Implementation a file system that should have the specifications like creation of a new file, file management, view all file, editing and deleting a file

WORK EXPERIENCE

Web Development Intern

Center for Advanced Research in Engineering

07/2019 – 09/2019

Islamabad, Pakistan

Tasks

- Requirement gathering for doctors search and appointment application.
- Wire-framing and Prototyping.
- Development of Dashboard (ReactJS).

Internee Automotive Electronics Lab

National Institute of Electronics (NIE)

06/2018 – 08/2018

Islamabad, Pakistan

Internship Highlights

- OBD-II Parameters Reading and Interpretation
- Automotive Sensors Troubleshooting and Calibration

TECHNICAL SKILLS

Web Development

React Js

C++

C#

Python

Data Visualization

Data Analytics

MATLAB

MS Office

SQL

Data Scraping

ACHIEVEMENTS

Commandant Badge of Excellence
(08/2016 – 08/2018)

3 Times

Director COMPPEC 2019
(01/2019 – 04/2019)

GPA Scholarship in 5th Semester from
NUST EME

EXTRA CURRICULUM

Director Google Developers Club EME

DSC is a community group powered by Google to encourage peer to peer learning and solve local problems along with building skills.

Director EME Olympiad 2018

EME Olympiad is one of the biggest events of twin cities which welcomes spring in full swing.

Organizer of Plantation Drive
(04/2019 – 04/2019)

This plantation drive was an effort by me and my team members to increase the number of trees in our surrounding.

CERTIFICATES

Data Science workshop (IBM)

Python for Data Science (DataCamp)

SOFT SKILLS

Strong Leadership

Communication and Presentation

Delicate Team Work

Flexibility

Enthusiasm

Team Management