

# Syed Abdul haq

## Electrical Engineer

To achieve a challenging position in an organization, where I can use my technical, analytical and managerial skills in their full potential

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## EDUCATION

### Bachelor in Electrical Engineering

National University of Computer & Emerging Sciences , NUCES-FAST

08/2018 - 06/2022

3.34

### Advanced Levels (A' Levels)

Beaconhouse College

08/2016 - 06/2018

## WORK EXPERIENCE

### Frontend Developer Intern

Coderatory

07/2022 - Present

Karachi

[Achievements/Tasks](#)

- Building stable and maintainable codebases using React.
- Developed a chat application using socket.io.
- Integrated Chatbot in chat application.

### Deputy Director of Auto CAD

NUCES-FAST

01/2022 - 05/2022

Karachi

[Achievements/Tasks](#)

- Lead a team of 20 members.
- Designed all the hurdles and winning criteria.

### Trainee Engineer

Orient Energy Systems (Pvt.) Ltd

07/2021 - 08/2021

Karachi

[Achievements/Tasks](#)

- Coordinated with sensor engineers in assembling of power generator parts.
- Deployment in the maintenance team to resolve onsite malfunctions.
- Conduct research and studies on site.
- Oversee repairs and technical improvements.
- Drafting and submitting reports to superiors and other key individuals.

## SKILLS

AutoCAD

Proteus

MATLAB

C++

Python

Java

HTML

CSS

Javascript

React js

## PROJECTS

### Smart Fire Fighting and Protection System (07/2021 - 05/2022)

- An Automatic fire protection system monitors environmental changes to identify presence of fire.
- Provide real-time indication of fire alert and the level of water reservoir on cloud server.
- Generate text message for respective authorities to indicate fire hazard.
- Controller based sprinklers operate automatically to extinguish fire.
- Automated pump to maintain the pressure of hydrant ring.

### IOT based Weather Station (03/2021 - 04/2021)

- Designed and developed basic weather station using DHT11 sensor integrated with Raspberry Pi.
- Displayed real-time temperature and humidity on cloud server.

### Line Following Robot (09/2020 - 11/2020)

- Designed a Line Following Robot with codes to direct robot to follow specific path predetermined by the user.
- Two infra-red sensors were needed for the sensing ability of the robot through which the robot detect its movement pattern.

### Developed Home Automation (10/2019 - 11/2019)

- Controlled three different points of a home using a smartphone.
- Developed an efficient code to minimize any delay in switching relay.

## CERTIFICATES

Java Programming (06/2022 - 07/2022)

Honored in Deans list (01/2021 - 06/2021)

## INTERESTS

Programming

Engineering

Fitness

Gaming