Ali Sohail

Electrical Engineer

Energetic graduate student eager to apply extensive knowledge of engineering to achieve company goals. Dedicated to working hard to make positive contributions.

asohail163163@gmail.com

+923014676640

163 A2 Johar Town Lahore, Lahore, Pakistan

linkedin.com/in/ali-sohail-25710b182

SKILLS

- Communication
- Soft spoken
- Efficient Time Management

LANGUAGES

English
Full Professional Proficiency

Urdu
Full Professional Proficiency

INTERESTS

- Programming Language (C++)
- Programming Language (Java)
- Commands on software's like:
- MS Office
- Code Blocks
- MATLAB
- Arduino IDE
- Proteus

EDUCATION

BS Electrical Engineering
University of Management and Technology/Lahore

10/2017 - 07/2021 *Current CGPA 3.43*

Intermediate
Punjab College/Lahore

07/2014 - 05/2016

Matric
Kips School/Lahore

04/2012 - 05/2014

WORK EXPERIENCE

Intern
Mutahir Metal Works Private Limited

01/2020 - 02/2020

Achievements/Tasks

- Worked in the quality control department and experienced manufacturing and testing of low voltage cables, medium voltage cables and overhead conductors.

Intern
Sundar Industrial Estate (Electrical Department)

08/2020 - 09/2020

Achievements/Tasks

- Worked in the Electrical Department of Sundar Industrial Estate. I learned about different equipment's in the grid station, their working and the load shifting of the different transformers

PERSONAL PROJECTS

GUI Design
- A GUI (Graphical User Interface) was designed for an eCommerce site using Eclipse and the programming language Java.

Encryption and Decryption
- Encryption and Decryption was performed using CodeBlocks and programming language C++.

Smoke Detector
- A smoke detector was designed using the MQ-2 sensor. It's main function was to detect smoke and turn on the alarm.

Weather Monitoring through Cloud Based
- A weather monitoring system was designed using Arduino, DHT-11 and MQ-135. The main function was to measure the temperature, humidity and air quality value. Thingspeak dashboard was used to display various parameters.

Soil Moisture Detection:
- A soil moisture sensor circuit was designed using the ESP-32 module, two Soil moisture sensors, LCD and RGB led. The main function of the circuit was to measure the dry and moist soil level.

Indoor Localization
- The project title was "localization in warehouse using robot". The project consisted of Raspberry Pi and Arduino Mega as the main controller. Kinect XBOX 360 was used to create the real time map of the unknown environment. Ubuntu and ROS was used. The main function of the project was to first create the map of the unknown environment using SLAM and then autonomously localize robot around the map to a given destination position