MUHAMMAD SAQIB SHAHEEN

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Address
Justice Hameed Colony,
Multan, Punjab
Pakistan

Objective

Would like to be professional towards the organization and to work where my skills will be useful, active to accept all challenges and hard work in achieving goals of the organization with new techniques.

Education

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI) Topi, PK
Bachelors of Science in Electrical Engineering(Power) 2019 - 2023

Government Post Graduate College Muzaffar Garh Muzaffar Garh, PK
Intermediate 2017 - 2019

Aala Public School, MuzaffarGarh Muzaffar Garh, PK
Matriculation 2015 - 2017

Work Experience

Intern, Pak-Arab Refinery Company Limited (PARCO) 14-07-2022 - 26-08-2022
Involves in Preventive and Corrective Maintenance of Electrical Distribution System of Plant and Electric Machines like Motor and Generator.

Member, American Society Of Mechanical Engineers (ASME), GIKI 2020 - Present
Organized All Pakistan events like EFx and Imech

Academic Projects

Line Following Robot
Line following robot using Arduino with IR Range Sensor

Tesla Coil
An electrical resonant transformer circuit used to produce high frequency AC electricity with low current and high voltage.

Mini Transformer Project
A step down transformer (220 to 12) volt, with minimum losses and maximum efficiency.

Signal and System Project
An Eye Blink Detection and removal from EEG Signals of Brain using Machine Learning technique in MATLAB.

Designing of Noninvasive Temperature Monitoring System
Door Lock open/close phenomenon by sensing temperature of human body.

Final Year Project

Conversion of Combustion Engine Car into an Electric Car with Safety Features
In the final year project we converted a functional Combustion Engine Suzuki Fx Car into an Electric Car by mounting a 3KW motor coupled with the Crankshaft by removing the Engine Head. Safety Features are installed to extinguish fire from batteries.

Skills

- Microsoft Office
- Project Management
- Team Management
- Programming Languages: C++, PYTHON, MATLAB
- Software: Proteus, COMSOL, LTSpice, Multisim, LabVIEW, PowerWorld Simulator
- Microcontroller Interfacing: Arduino, PIC18f4550
- Programmable Logic Controller