

Farhan Mushtaq Hashmi

Pakistan Engineering Council Reg. ELECT/68223



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Career Objective

I am passionate to work in a challenging environment that can enhance my knowledge and polish my skills for the best results.

Academic Qualification

- **BSc. Electrical (Electronics) Engineering** **2012-2016**
The Islamia University of Bahawalpur (IUB)
- **FSc.Pre-Engineering** **2010-2011**
Federal Board of Intermediate & Secondary Education Islamabad
- **Matriculation (Science)** **2008-2009**
Federal Board of Intermediate & Secondary Education Islamabad

Work Experience

Trainee Engineer in Pakistan Railway Carriage Factory Islamabad

Organization Type: Manufacturing

Aug 2017 Till Date

Familiar with 11KV Electrical Power distribution system, Operation and maintenance of Electrical Equipment's like Transformers and Generators up to 500KVA. Performed the maintenance and re-winding of 3-phase Electric motors and Ceiling fans. Identifications and reporting of faults in switchgears and 3-phase Machines. Knowledge of Different 3-phase Electrical Machines like Induction Hardening machine, CNC machine, vertical boring machine, lath machines and milling machines.

4 Weeks Internship in Islamabad Electric Supply Company

Organization Type: Power Distribution

Aug 2015- Sep2015 (1Month)

Job Description: Took Close insight of overall 132KV Grid station, main components i.e. Single Line Diagram, 3-Phase Power Transformer, Working Relays, Ingoing and outgoing, feeders, Cooling fans, potential Transformer (PT), Current Transformer (CT), Lighting Arrestor, Breakers & etc. Maintenance and testing of grid station equipment's like feeders, bus-coupler, different circuit breakers & etc. also learn about 11kv bus-bar that is connected to the Different Feeders, working with Transformer control Panel, Working of capacitor's bank to maintain power factor. Managing overall above Technical activities and Manpower Requirement. Responsible for Metering of Energy Meters.

Final Year Project

Image Processing and Vision Based Sorting by Robotic Arm

Description: The Final Year Project is to control Robotic Arm using image processing it is a Robotic Arm that will make a Movement and grip different items then put to another place. The project focus is on the different algorithms to control the Robotic Arm. The main working principle of this project is to control the Robotic Arm which is done by using of some basic Modules like, Arduino Mega2560, Cameras, and servo Motors and Computer's Parallel & Serial Ports. In this project we use the Matlab to control the Robotic Arm through Arduino.

Semesters Project

Different Semester Project Completed During Study

- Variable DC power supply
- Motor as a generator (working)
- Door alarm system
- LED blinking using microcontroller (89C51)

Computer Skills

- MS Office (MS Word, MS Excel, MS Power Point).
- Engineering Softwares (Proteus Electronic Circuiut Design, MatLab, Xilinx,Modelsim,).
- Internet Applications

Personal Characteristics

- Highly Motivated, Pleasant Personality, Cheerful and Hardworking

Language

- Proficiency in English, Urdu

Profile

- Father Name : Mushtaq Ahmed Hashmi
- Gender : Male
- Date of Birth : 8-4-1993
- Age : 22
- Marital Status : Single
- CNIC NO : 61101-3694615-1
- Nationality : Pakistani
- Religion : Islam
- Domicile : AJK