

AMIR SAEED

Electrical (Power) Engineer

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PROFILE

To acquire an Electrical Engineer position and contribute as a team member in a lively work environment, focused on promoting business growth by providing better worth and service utilizing my communication, technical and organizational skills. I want to achieve high professional growth through a continuous learning process; keep myself dynamic, visionary and competitive with the changing scenario of the world and to contribute for the growth of organization.

EDUCATION AND QUALIFICATIONS

Qualification (with % and CGPA)	Institutions	Major Subjects	Year of Passing
BSc Electrical(Power) Engineering (3.9CGPA)	Mirpur University of Science and Technology Mirpur, Pakistan	<ul style="list-style-type: none">Electrical MachinesPower Generation, Distribution & UtilizationPower System AnalysisPower System Operation and Control	2017
Pre- Engineering (75.19%)	Army Public School and College System Bahawalpur, Pakistan	<ul style="list-style-type: none">MathematicsPhysicsChemistry	2013
Matric (90.17%)	Army Public School and College System Bahawalpur, Pakistan	<ul style="list-style-type: none">MathematicsPhysicsChemistry	2011

FINAL YEAR PROJECT

My final year major project is entitled as "Arduino based motor controller for DC motor speed and position control" and it consist of both Hardware and Software.

Objective:

- The main task of this project is a Hardware/Software integrated system, in which motor controller is designed to implement sliding mode algorithm for achieving real time speed and position control of a DC motor with improved response time than the other controllers.

OTHER PROJECTS

- Smart energy meter using Arduino Uno
- Speed control of PMDC motor using Arduino and Potentiometer
- Development of 220vAC TO 12vDC Power Supply
- Fault and Transient analysis of a Power System components using ETAP software
- Fire Security Alarm by use of Thermistors

HONOURS & ACHIEVEMENTS

- Secured Third Position in B.Sc. Electrical (Power) Engg. batch 2013-17.
- Technical Head of Society of Power Engineering during University tenure.

- Achieved GPA based merit scholarship for three times in University.
- Got scholarship in Intermediate level on extraordinary performance in Metric.
- Led my group successfully during Final Year Project and secured highest marks in the process.

Research Interests

- Energy Efficiency
 - Smart Grid & Energy Management
 - Power Quality
 - Renewable Energy Resources
- ❖ One of the research work on “Energy Management in South Asia” is recently published in International research Journal “Energy Strategy Reviews”.

1. Arduino UNO Workshop

- Arduino interfacing with different Sensors
- Servo and DC motor controlling using Arduino
- Arduino based energy meter working

2. SCADA & PLC Workshop

- Introduction to SCADA system
- Basics of PLCs

PROFESSIONAL EXPERIENCE

Water & Power Development Authority (WAPDA)

Designation: Internee Engineer **Duration:** 1ST June 2016 to 31ST July 2016

FIELD RELATED ACTIVITIES

Kohsar Power Plant internship

Designation: Internee Engineer **Duration:** July 2017 to August 2017

Other Skills

- ETAP
- Proteus
- MATLAB
- MS Word
- MS Office

HOBIES AND OTHER ACTIVITIES

- Playing Volleyball & Cricket
- Jogging and Exercising
- Technical articles and research papers reading
- E-Gaming

PERSONAL DETAILS

- Date of Birth: 27th January 1995
- Nationality: Pakistani
- Marital Status: Single
- CNIC #: 37405-1399455-1
- Language Proficiency: English, Urdu

