S. Jarjees Ul Hassan

Male, **23 Years**.
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Professional Summary

An Electrical Power Engineer looking for Trainee engineering job in a reputable , growth oriented organization to enhance my technical as well as managerial skills and make a difference with all the talent that I have and the opportunity that you provide. I aspire to take challenging, creative and diversified projects to become globally competitive and eager to learn and incorporate latest technologies in real life application.

Personal Information

Date of Birth:	March 17, 1996
Nationality:	Pakistani
Country:	Pakistan
Marital Status:	Single
Languages:	English (Intermediate), Urdu (Intermediate), Pashto (Intermediate)
Functional Area:	Electrical Power
Career Level:	Trainee Engineer

Education

BS Electrical Power Engineering

COMSATS University Islamabad, Abbottabad Campus

2014-2018

HSSC Pre-Engineering

Al Asar Academy Usterzai Payan, Kohat

2012-2014

SSC Science

Al Asar Academy Usterzai Payan, Kohat

2010-2012

Work Experience

Research Associate

COMSATS University Islamabad, Abbottabad Campus, Pakistan.

August 2017 - July 2018

Work on a Final year project in which my responsibilities were:
1. Designing, Coding & Simulation
2. System Diagrams
3. Hardware Setup
4. Documentation & Presentation

Internee Engineer

M ECHON Engineering Project Management Company.
01 August 2016 - 31 August 2016

Work on project at Fauji Cement industry in which i was introduced to:
1. Cement Industry Process
2. Power System of Industry
3. Waste Heat recovery power plant
4. Documentation

Projects

OFF Grid hybrid Power Generation System
Final Year Project

It is hardware and software based project in which power is generated, controlled and managed from solar and windmill without grid connection. It consists of microcontroller, microcontroller, relays, DC motors and light dependent resistors(LDR) along with inverter, rectifier and charge regulator circuits.

Traffic Signals System Using PIC Microcontroller

This is assembly language based project simulated in Proteus and experimental hardware setup on PCB. It can control traffic by signals at the junction of two roads on basis of rules of traffic.

Power Flow Analysis Using Newton Raphson Method-MATLAB

The numerical method Newton-Raphson is use for load flow analysis in power system. Coding is carried out using MATLAB to calculate real and reactive power flows, bus voltages, magnitude and angles by Newton -Raphson Method.

Skills & Expertise

MATLAB		Proteus	
AutoCAD		Assembly	
C/C++		Java	
Microsoft Office Suite			

Social Activities

Vice President - COMSATS literary society
Event Leader - COMSATS literary society
Organizer - World space week events by SUPARCO in CUI, Atd.
Senior Proctor - Al Asar Academy