MUHAMMAD HASSAN HANIF

Electrical (Electronics) Engineer

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sohan near faizabad, Islamabad

OBJECTIVE

I am searching for an opportunity in a reputed organization which will help me deliver my best and upgrade my engineering skills and meet the demands of the organization.

QUALIFICATION

B.S. in Electrical (Electronics) Engineering (CGPA 3.13/4)

Bahria University, Islamabad

Sept 2014 - July 2018 Islamabad, Pakistan

F.Sc (Marks 799/1100)

ICB G/6-3, Islamabad

2014 Islamabad, Pakistan

Matric (Marks 858/1050)

IMSB F/8-3, Islamabad

2012 Islamabad, Pakistan

EXPERIENCE

Intern Engineer

132 KV Grid Station Bahria Town Phase 4

19-july-2017 - 10-Sep-2017 Islamabad, Pakistan

- Learned operation and protection of 132KV grid station. Also, the protection, maintenance and working of six 1 Megawatt and two 2 Megawatt generators and to learn how to work with colleagues and supervisor in the field.

Intern Engineer

Bahria University

Dec 2016- Jan 2017 Islamabad,Pakistan

- To install 12KWA solar power project at Bahria University, Islamabad.

GRADUATE DEGREE PROJECT

- **Simulation and design of photovoltaic water pumping system:** The basic objective of this project is to utilize solar power to meet the energy requirement for the domestic and irrigation purpose. To practically apply the academic knowledge to serve rural areas.

GRADUATE COURSES

Power Electronics | Industrial Automation | Linear Integrated Circuits | Field Programmable Gate Arrays | Micro processor Interfacing | Digital Logic Design | Digital Signal Processing

ACHIEVEMENTS

LAPTOP
Received merit based laptop from Prime Minister laptop scheme

Got funding of "final year project" from bahria university

SOFTWARE & HARDWARE

- Xilinx ISE, Spartan-3A/3AN FPGA starter kit,Proteus Professional,Keil uVision, Micro-controller 89C51, Visual Studio, Arduino Uno/Nano, GMWIN, MS office, Auto CAD
- Programming Languages: Assembly, C++, C#, Ladder

SEMESTER PROJECTS

Simulation of Buck-Boost converter in Matlab | Calculator in keil uVision | 4-Way Traffic Signal | Simple as Possible Computer(SAP-1) | Fire Alarm | Metal Detector