

Muhammad Shahrukh Khan

Address : House No. 34, Sector No. 2, KTS, Haripur Age : 23 years

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Objective

Seeking for a challenging position where I can capitalize my skills& knowledge efficiently in the relevant field.

Academia

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|--|---|-------------------------|
| ➤ B.E Electrical (Major in Electronics) | PAF KIET, Karachi | Dec, 2017 (CGPA : 3.49) |
| ➤ Intermediate Science (Pre-Engineering) | Federal Board of I & S Education, Islamabad | 2013 65.45% |
| ➤ Matriculation Science | Board of Secondary Education, Karachi | 2011 70.82% |

Software & Programming Skills

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| ➤ MATLAB (m file, Simulink) | ➤ WPL Soft (PLC Ladder diagram) |
| ➤ Proteus (Schematic, Simulation, PCB Design) | ➤ DOP Soft (PLC HMI) |
| ➤ Multisim (Schematic, Simulation) | ➤ SolidWorks (3D Design) |
| ➤ Xilinx Design Suite (VHDL, Schematic, Simulation) | ➤ MPLAB (Assembly Language) |
| ➤ Dev C++ (C Language) | |

Projects

- Solar Charge Controller using MPPT(Maximum Power Point Tracking) Technique (**FYP**)
 - To extract maximum power from solar panel and deliver it to the load
 - To take operating point to the point at which maximum power is available
 - To track maximum power point using Perturb & Observe method
- PLC based Bottle Filling System
- Incubator Box Temperature Control using PID Controller
- 100W Power Inverter (DC-AC)
- Automatic Water Motors Control using Logic Gates

Internships

- Fauji Fertilizer Bin Qasim Limited July-Aug 2017
 - Got familiar with industry level Breakers, Motors, Contactors, Transformers, Voltage levels
- Pakistan Aeronautical Complex(PAC) KAMRA Dec-Jan 2016-17
 - Learnt about testing machines and repairing of the instruments used for JF-17 Thunder parts
- Pakistan Meteorological Department (PMD) June 2016
 - Learnt about apparatus used to measure Rainfall, Temperature, Humidity, Pressure, Radar measurement for Clouds, Earth quake measurement, Production of these apparatus

Elective Courses

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| ➤ FPGA Based System Design | ➤ Embedded System Design |
| ➤ Industrial Control and Automation | ➤ Power Electronics & Drives |
| ➤ Digital Signal Processing | |

Honor Badge Awards

Won 5 times Honor Badge Awards from PAF KIET

Extra-Curricular Activities

- Remained member of Team organizing Inter Universities FYP Competition
- Participated in Inter Universities Circuit Tricks Competition
- Active member of Team organizing Blood Donation Camps for Indus Hospital

Languages

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|-----------|--------|
| ➤ English | ➤ Urdu |
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Hobbies

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|-----------|----------------|--------------|
| ➤ Cricket | ➤ Table Tennis | ➤ Travelling |
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