

MUHAMMAD HASSAN

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A skilled, passionate and hardworking individual with appreciable technical knowledge who is eager to work for a company which guarantees both personal and technological growth.

Education

University of Engineering and Technology (3.336/4)	Lahore, Pakistan
<i>Bachelors in Electrical Engineering</i>	2014-2018
Punjab College of Sciences (90.18%)	Lahore, Pakistan
<i>Pre-Engineering</i>	2012-2014
Crescent Kids Campus (91.81%)	Lahore, Pakistan
<i>Matriculation</i>	2010-2012

Experience

Premier Industrial Chemical, Pakistan

Trainee: (July 2018 – Present)

- Understanding of Relay Logic
- Working of Power House
- Basics of Power Distribution System
- Designing and Working of Motor Control Circuits
- Programming of Inverter

Ibrahim Fibers Limited, Pakistan

Diversified business activities including Polyester, Textiles, Power Generation and Banking

Internee: (July 2017 – August 2017)

- Visits to Power Plant
- Description of Electrical System
- Overview of Control Process based on PLC and DCS

Visit to 220kV Grid Station

Visitor:

- Overview of the Operation of Grid
- Basics about the Protection System
- Visited Switchyard

Final Year Project

Optimal Energy Management of Multi Input based Grid Connected Converters

Group Project: (September 2017 – May 2018)

- SPWM based Capacitor Clamped Inverter
- Zero Detection Circuit
- Boost Converter

Software Skills

- Microsoft Excel
- MATLAB
- Internet of Things (IoT)
- Power World Simulator
- LT Spice
- Proteus
- Assembly (ARM)
- Embedded C

Personal Skills

- Have Good Numeracy & Analysis Skills
- Co-operative
- Good Learner
- Working Cost Effectively

Achievements

Academic Scholarships

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| - Full fee waiver scholarship at Punjab College of Sciences | 2012-2014 |
| - Monthly scholarship at Unique Group of Institutions | 2012-2014 |

Interests

Watching English Seasons & Movies, Gaming, Freelancing