

# Ali Hassan

## Electrical Engineer

I am a passionate person when it comes to work. A positive creative individual with a smile. I am interested in tightening up myself to work in a challenging atmosphere to become a valuable asset. Highly motivated to work in a professional environment based on effective team work that provides me an opportunity to groom my personality as well as technical knowledge.



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## SKILLS

MATLAB

Multisim

Critical Thinking

Technical Knowledge

Communication Skills

Logix Pro

Complex Engineering Problem

## LANGUAGES

English

Full Professional Proficiency

Urdu

Full Professional Proficiency

## INTERESTS

Renewable Energy

Electrical Power System

Electrical Design System

## EDUCATION

### BS.c Electrical Engineering

Government College University, Lahore.

10/2018 - 06/2022

3.15/4.00

### Intermediate

KIPS College, Gujranwala.

06/2016 - 06/2018

86%

### Internee

Pak Elektron Limited (PEL), Lahore

Tasks/Achievements

- I learned the manufacturing of transformers, its design procedure, wiring and its assembling.
- One of my responsibilities is in the manufacturing department to manufacture different components of transformer and then assemble them to make a transformer.

## ORGANIZATIONS

IET on Campus GCU, Lahore.

Event Coordinator

## CERTIFICATES

Coursera

Acquired Certificate for Solar Energy and Electrical System Design from University of Buffalo

Coursera

Acquired Certificate for Electrical Power System from University of Buffalo

## PERSONAL PROJECTS

Full-wave bridge rectifier:

- Semester project to design a circuit which makes use of both half cycles of input alternating current (AC) and converts them to direct current (DC).

Industry 4.0 for Equipment Development to Monitor a Machine System (Senior Design Project)

4 Bit arithmetic logic unit (ALU):

- Lab Project to construct a 4-bit ALU which is a part of CPU that actually does calculations and condition testing.

Self Balancing Robot

- Lab project to build a two-wheeled robot that would balance itself with the help of an IMU.