



MUHAMMAD FIAZ

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EDUCATION & QUALIFICATIONS

Bachelors in Electrical Engineering (Candidate)

Oct 2018 – May 2022

Electrical Engineering
Namal Institute, Mianwali
CGPA: 3.7/4

Intermediate (Pre-Engineering)

Apr 2016 – March 2018

Concordia College, Okara
Marks: 948/1100

PROFESSIONAL EXPERIENCE

IEEE Workshop IIOT 4.0

Sep 2021 – Oct 2021

IIoT - Industry 4.0 Intern

- Gained productive experience with IIoT technology and practiced related tools and software used in IIoT Industry 4.0.

Pak Elektron Limited (PEL)

Aug 2021- Sep 2021

Electrical Engineer Experience (Summer Internship)

- Worked on Automatic Meter Reading System project (Research Project)
- Analyzed the potential of the project implications in Pakistan and submitted a comprehensive internship report.

PROJECTS

IIoT based Smart Energy Meter (FYP):

Working on an energy measuring meter that will measure the voltage, current, electric unit, etc. This will also use for the net-metering purpose. This will also upload all the data on the website which will reduce the man effort for reading electric unit.

A car controlled using Mobile Application: This car is controlled by the mobile using a Bluetooth module. Mobile application can control the directions and speed of the car.

Line Follower Robot and Bluetooth Controlled Car: Worked in a group project and built a Lego Line Follower Robot and Bluetooth Controlled Car prototype – Technologies used: Mindstorms EV3, MATLAB, Arduino, MIT App Inventor.

Vending Machine: This worked on Digital logical design. This machine takes the payment and gives the product to the buyer with the remaining amount.

Search Engine Using AVL: This will search the movie from the stored data according to their rating. This search engine is based on AVL.

ADDITIONAL EXPERIENCE

IEEE Namal Student Branch, Vice Chair Person

Apr 2021 – Present

- Responsible for the society's representation in different National events.
- Responsible for event coordination.

Fiverr.com, Electrical Engineering Services Provider

Apr 2020 – Present

- Working on circuit solving, simulation of circuit, embedded work and PCB design

IEEE Namal Student Branch, Event Management Head

Apr 2020 – Jan 2021

- Responsible for event management and event conduction.

HONORS & AWARDS

- Got Laptop from Chief Minister “Youth initiative, 2017”
- Worked as a volunteer at in “Namal Welfare Organization”, 2020-22

SKILLS & INTERESTS

- **Key Skills:** Quick Learning, Teamwork, Communication (Verbal & Written), Report Writing, Problem-Solving.
- **Competent user of** MATLAB, OrCad, AutoCad, MS Office (Word, PowerPoint, Excel), Protues, PSpice.
- **Interests:** Technical Content Writing, Designing, Entrepreneurship, Freelancing, Badminton, and Music.