MAZHAR IQBAL

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OBJECTIVE

I am a student of electrical Engineering (undergraduate) at Namal Institute, Mianwali who is motivated, passionate and dedicate individual with keen interest in learning new skills. I have interest in power domain but also have sound knowledge in computing side. I am eagerly looking for an opportunity to work with experienced people for self as well as corporate growth.

EDUCATION & QUALIFICATIONS

Bachelor of Science in Electrical Engineering (Final Year)   **Feb 2022**
Major (Power) and Minor (Computing and embedded)
Namal Institute, Mianwali
CGPA: 3.24

Intermediate (FSc)   **Jun 2018**
Punjab group of colleges Khanewal
Marks: 943/1100

Matriculation   **May 2016**
Govt. Model High School Khanewal
Marks: 1037/1100

PROJECTS

Line follower Robot: In control system we build a robot that follows black line over white surface.

Smart Circuit Breaker: A circuit breaker that will break the circuit when current exceeds a particular limit and reconnect it when current decreases using Arduino.

Fingerprint door lock system: A system that stores fingerprint by different IDs and then match the new fingerprint with stored IDs to open the door.

Motor Speed Control: Motor speed controller using pulse width modulation scheme.

Digital Calculator: A calculator that can perform addition, subtraction, multiplication, and division using STM-32 microprocessor integrated with 4x4 keypad for input and 16x2 LCD for display.

Voice Changer: A system that stores voice as an input and then ask the user whether to convert it into child, old or young man voice and change the recorded voice as per user instruction in MATLAB.

ADDITIONAL EXPERIENCE

Media Head**, Center of Excellence, and skills Development (CESD) Namal**   **2020 – 2021**
- Handled social media pages of CESD to let the audience know about its events and activities.

Head of skills development center, **Center of Excellence, and skills development (CESD)**   **2021 – 2022**
- Organized different workshops to enhance skills in students.
- These includes technical Skills like MATLAB, Autocade, Python language, PCB designing etc.

Active Member, **Let's Show a Better Path (AGAHI)** 2021 —

- We friends from different universities of Pakistan guide intermediate students about scholarships, disciplines and quality of education in those disciplines through WhatsApp and Facebook.

Teacher, **Home tutor**
- I used to teach Matric Mathematics to a student in my hometown for almost two months.

HONORS & AWARDS

- Got 1st position in 9th and 10th in my class.
- Man of the tournament in cricket, sports gala 2016 Punjab Group of Colleges Khanewal.

SKILLS & INTERESTS

- Hands on experience of Microsoft Word, PowerPoint, Excel, MATLAB, Proteus, ETAP, Power world Simulator, OrCAD, Python and C++ language.

- **Interests:** Cricket, Sketching, Music, Travelling.