

MUHAMMAD IBTISAM UMER

Mechatronics & Control Engineer

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D.O.B: October 15, 2000

EDUCATION

University of Engineering and Technology
Lahore, 2018-2022
Mechatronics and Control Engineering

Government College University (GCU) Lahore,
2016-2018
Intermediate in Pre-Engineering

SKILLS

Python|Tkinter|Kivy|Numpy|Pandas

Arduino/Raspberry Pi

OOP

Data Structures

Embedded Systems

Deep Learning

INTERESTS



Programming



Leadership



Content
Writing



Project
Management



LinkedIn Profile

PERSONAL STATEMENT

I am ecstatic to work in a team-oriented and engaging environment and groom myself as a good communicator, presenter and a leader. I do want to gain some insights into how professional companies operate and to get hands-on experience with organizational work ethics that will be useful later in life.

WORK EXPERIENCES

EQUI GO, Nov. 2021-Jan. 2022 – Entrepreneurial Startup

Initiated a start-up named EQUI GO, a tourism company that focuses on creating tourism opportunities for disabled. Organized two intra-city tours as an Operational Head.

MEHAK, Aug. 2021-Oct. 2021 – Volunteer Experience

MEHAK is the non-profit education based organization. Volunteered as an organizer in three of its major modules.

Pak Elektron Limited (PEL), Aug. 2021-Sept. 2021 – Internship

Served as an Intern in the Transformer Engineering (Mechanical Design) department of Pak Elektron Limited.

Mechatronics Club, Mar. 2019-Mar.2020 – Management Team

Served as an individual of Management Team in Mechatronics Club (a society deals with the technical concepts regarding the Mechatronics Engineering). Participated in a few technical events like LFR (Line-Following Robots), speed coding in Python and speed wiring. Also directed a couple of workshops on Proteus.

PROJECTS & ACHIEVEMENTS

Vision Based Speed Sorting System, Sept. 2021-May 2022

Worked on the design and development of an automated system which sorts carton boxes based upon the patterns printed over them using machine vision techniques and PLCs.

Prosthetic Ankle, Mar. 2021-Apr. 2021

Derived and Simulated the mathematical model of prosthetic ankle on MATLAB and studied its step response in Simulink.

FARKLE Game, Feb. 2020-Sept. 2020

Developed a dice game named FARKLE in Python and made it user friendly by incorporating GUI (graphical user interface) and OOP (object-oriented programming).

REFERENCES

Mr. Muhammad Rzi Abbas

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Mr. Muhammad Ahsan Naeem

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