



# Hammad Ullah

## Mechatronics and Control engineer

Highly motivated design and development engineer in the field of web development. To discover an opportunity to get an internship where I can apply my knowledge to real programming tasks.

✉ mhammadlhr55@gmail.com

📍 Lahore, Pakistan

📺 www.youtube.com/channel/UCtL\_8lqabK6SJED12MJNhHw

🐦 twitter.com/hammadullahasg1

☎ +923044894267

📅 05 July, 1997

🌐 linkedin.com/in/hammad-ullah-502546133

## EDUCATION

### M.Sc Mechatronics and Control Engineering

University of Engineering and Technology  
Lahore

09/2020 - 10/2022

2.98

### B.Sc Mechatronics and Control Engineering

University of Engineering and Technology  
Lahore

09/2016 - 10/2020

CGPA 2.77

## WORK EXPERIENCE

### Electronics Engineer

AirLink Communication Limited (Xiaomi)

02/2022 - 01/2023

Lahore

*Air Link Communication Ltd. is one of the largest smartphone distributors, manufacturers, and retailers in Pakistan.*

#### Achievements/Tasks

- As an electronics engineer i understood the process in a better way and diagnosed vulnerabilities for the improvement of the process.
- Handled MES (manufacturing execution system) and checked abnormalities after every 30 minutes to lower the rate of risk.
- Know all the working principles of mobile manufacturing and handled abnormal phones to find out the real problem and solved 95% of cases on the time to reduce batch risk failure.
- Implemented 8s model for the rectification of many unwanted issues.

### Electrical Engineer

MONTIS

07/2020 - 09/2021

Lahore

*MONTIS is an experienced and highly capable company in manufacturing and packaging a wide range of products.*

#### Achievements

- I learned about the design and maintenance of a fully/partially automated system.
- Learning about different techniques of programming a PLC in different languages.
- Inspect repair and maintain the electric circuits.
- I worked on the communication protocols (master slave) of the PLC.

## SKILLS

MATLAB

HTML

CSS

MySQL

Python

Wordpress

Ladder logic

Factory IO

Arduino IDE

Turbo C++

ROS

Microsoft Office

## PERSONAL PROJECTS

Design and development of lower limb exoskeleton  
(2019 - 2020)

National Engineering Robotics Contest(3 days)  
(07/2018)

- Indigenous Robot

Feedback Boost Converter (Made by using Arduino)  
(2018)

Obstacle Detecting Robot (2018)

Automatic Car washing System (Advancement) (2017)

Street light control (using LDR) (2016)

Obstacle Detecting Robot

## CERTIFICATES

Bio inspired MEMS Sensors (10/2018)

*This is continuing professional development program (under PEB license No: PEB-UETFS-0035).*

PYTHON PROGRAMMING FOR ENGINEERS (04/2019)

*This is continuing professional development program (under PEB license No: PEB-UETFS-0035).*

## LANGUAGES

Urdu

*Native or Bilingual Proficiency*

English

*Professional Working Proficiency*

## INTERESTS

Chess playing

Wikipedia Reading

Football

Cricket