



Ali Mazhar

Mechatronics Engineer



16 Nov 1997



Model Town Humak Islamabad



+92 3355433725



<https://www.linkedin.com/in/ali-mazhar-01693773/>



alimazharsultan@gmail.com



<https://github.com/Alimazharsultan/>

About me

An Independent and self-motivated professional with excellent research and communication skills, enthusiasm to learn new things. I am a very quick learner.

Skills

Embedded programming



React JS



Python



Django



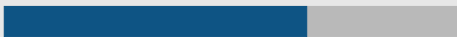
Web Development



CAD Modeling



PCB and circuit design



Linux and Servers



Flutter



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Objectives

I am a quick learner and am very passionate about coding. Over the past two years I have been learning and getting my hands dirty on different languages and frameworks with the sole purpose of fulfilling my innate desire of solving problems. Right now I am looking to work for a reputed organization to gain experience and test my skills.

Education

2016-2020	Bachelors in Engineering BE Mechatronics 3.54 CGPA (3rd in the batch)	Air University Islamabad
2014-2016	College FSC Pre-Engineering 79% Marks	Punjab College Ayub Park Campus
2002-2014	School Matriculation 89% Marks	Pakistan International School AL-Khobar

Experience

Internship
Pakistan Aeronautical Complex Kamra
July 2018
Research Assistant
Air University
17 May 2021 - 17 October 221

Other Certificates and Achievements

Coursera Machine Learning by Stanford
Coursera Python Specialization, University of Michigan
Taekwondo Black Belt from Pak Strikers Taekwondo Club
Typing Speed Up to 85 Words per Minute

Projects

- | | |
|------|--|
| 2020 | Final Year Project: Automatic Bottle Filling/Capping System with IOT and SCADA Interface <ul style="list-style-type: none">https://drive.google.com/file/d/1LAEey_gjP-z0aPXJX7YViOSCFALTWz0o/view?usp=sharingA project for Industry 4.0 to combine Cyber Physical systems for a remote control and monitoring. |
| 2019 | IOT Based Battery Cage System for Poultry Farming <ul style="list-style-type: none">https://drive.google.com/open?id=124rB903w26mmZdq6qx9oZ-NBJBAN41FqAn automated system to monitor the health and well-being of chickens inside a cage using different sensorsAutomated food and water feeding system was also implemented. |
| 2018 | Automated Aquaponics System <ul style="list-style-type: none">https://drive.google.com/open?id=1SmaPxjVt4rBneygv25-bqhrQYj1tyvOXA project to monitor an aquaponic system through a Mobile Application by using WIFI. |
| 2021 | Smart Energy Monitoring System <ul style="list-style-type: none">Funded Project for Air University to develop and deploy a energy consumption meter with IOT dashboard. |