



MUHAMMAD IRFAN HASSAN

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Date of Birth: 15/08/1999

LinkedIn Profile: [LinkedIn](#)

EDUCATION & QUALIFICATIONS

Bachelors in Electrical Engineering (Candidate)

March 2021

Namal Institute, Mianwali

CGPA: 3.53/4

Intermediate of science (F. Sc Pre Engineering)

September 2017

Superior College Mianwali, Ali Town, PAF road Mianwali

Marks: 905/1100

PROJECTS

Parking Meter: Design Parking meter using digital components in proteus.

Hurdles detector robotic car: Build electric car which can detect hurdles and take action.

Smart Circuit Breaker: Build smart circuit breaker using Arduino uno.

Research Project (Bachelors): Submitted a research paper on “the Future of robotics and ethics”.

Buck-Boost converter designing for solar panel: Design a buck boost converter for solar panel to get constant DC voltage at output.

Search Engine using C++: Wrote algorithm for storing and searching movies using different data structure.

ADDITIONAL EXPERIENCE

Freelancing, level 2 seller on Fiverr

2020– 2021

- Completed more than 80 projects of electrical engineering which include microprocessor and embedded projects, MATLAB coding, arduino projects, circuit designing and programming in C++ and python.

HONORS & AWARDS

- Received laptop from CM laptop scheme 2017
- Participated in IEEE programming and robotics competition at Namal

SKILLS & INTERESTS

- Competent user of MATLAB, Proteus, Model sim, Ki cad and AutoCAD.
- Interests: Embedded system projects, Programming (C++, Python and C#) and sketching.