

SAIQA DILAWAIZ

Address: Mohalla Salu Khalan Wala Jall Shummali Piplan, Dist. Mianwali
Cell: +(92)304-9801502 | saiqadilawaiz@gmail.com | saiqadilawaiz@namal.edu.pk
Date of Birth: 26/02/1999

EDUCATION

Bachelors in Electrical Engineering Major (Embedded System) Minor (Power & Renewable Energy) Namal Institute, Mianwali	2018-continue
Intermediate in pre-Engineering (F. Sc) Al-Mumtaz School & College, Mianwali Marks: 906/1100, A+	2016-2018
Matric in Science Al-Mumtaz School & College, Mianwali Marks: 953/1100, A+	2014-2016

PROFESSIONAL EXPERIENCE

Hydel-Power House Chashma, Dist. Mianwali Position/Role, Department <ul style="list-style-type: none">• Internee Electrical Engineer	August 2021- September 2021
The Citizen Foundation (TCF) Position/Role, Department <ul style="list-style-type: none">• Mentor for student's Rahbar program at North-West Pakistan	July 2019 – October 2021
Namal Institute Mianwali Position/Role, Department <ul style="list-style-type: none">• Teacher Assistant, Physics	January 2022 - Present

PROJECTS

Water Treatment via Ozonation using PV Panel (Final Year Project)
Smart Door Lock using Finger Print Sensor (Embedded systems)
Multi-Buildings Network Topology Design (Computer Networks)
Quality of Product vs Commercial Success (Social & Ethical Aspect in Engineering)
Python Based Implementation of Logic Gates by Deep Neural Network (Machine Learning)
Line Follower Indigenous Robot (Robotics)
4-Way Automatic Traffic Light Control System (Digital Systems)
Bump less Control Transfer between Manual & PID Control (Control System)
DC-DC Boost Converter powered with Low-side Gate Driver MOSFET (Power Electronics)

VOLUNTEER/LEADERSHIP

Namal Welfare Organization Co-founder	(September 2019- Present)
Students Welfare Association Mianwali Event Manager	(May 2018- Present)
Namal Society for Social Impact Teacher	(October 2018–June 2021)

ADDITIONAL

Software skills: Fluency in Proteus, MATLAB, Verilog, Packet Tracer, Multisim, Excel, PowerPoint, Word.
Proficient in Computer Programming Languages: C++ C#, Python, Assembly, DSA Algorithm, Database
Interpersonal Skills: Public Speaking, Leadership Qualities, Teamwork, Analytical Skills, Problem Solving.
Languages: Urdu (Fluent), English (Advance), Saraiki (Intermediate).
Interests: Reading the newspaper daily, Hiking, Travelling, Socializing, Gardening.