

MUREED QASIM SHAH

ELECTRICAL ENGINEER (UG FINAL YEAR)

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ABOUT ME

An organized and creative individual able to solve real-life problems related to Power, Electronics, IoT, ML, and Computing. Expertise in MATLAB, Networking, IoT, Arduino, Computing, and Proteus. Eager to contribute to team success through hard work, attention to detail, and excellent organization skills. Excel at collaborating across departments; coordinate with staff and managers to complete projects on time and within budget.

EDUCATION

● Namal Institute Mianwali 2018-Present	Bachelors in Electrical Engineering <ul style="list-style-type: none">• Specialization in Electronics and Computing CGPA: 3.034/4
● Superior College Mianwali 2016-2018	Intermediate (Pre-Engineering) <ul style="list-style-type: none">• Subjects: Math, Chemistry, Physics Grades: 82%
● Govt. High School Ghundi 2014-2016	Matric (With Science) <ul style="list-style-type: none">• Subjects: Math, Chemistry, Physics, Biology Grades: 90%

KEY PROJECTS

- **IOT Based Smart Irrigation System**
 - Working on Final Year Project which is IoT Based Automatic Irrigation System for farmer
- **Network Design for Software House**
 - Design and Simulate a complete computer network for a software house consisting of 3 buildings each in a different city
 - Design and Simulate a complete network for Namal University Mianwali
- **Hurdle Avoiding Robot**
 - Worked in a group project and built a Lego Mindstorms EV3 HA Robot - Technologies used: Mindstorms EV3, MATLAB.
- **Basic Signal Generator**
 - Worked in a group project and built a basic signal (sine, square and sawtooth) generator in electronics.
- **Smart Door Lock System**
 - Designed and simulated a password protected smart door lock system for security using Digital Logic Design.
- **DC Motor Direction and Speed Control**
 - Built a prototype for Robot to Control the Direction and Speed using DC Motor- Technologies used: Keil Software

WORK EXPERIENCE

● Mindstorm Engineering Dec 2021 - Jan 2022	IIoT - Industry 4.0 Intern Virtual Internship <ul style="list-style-type: none">• An organization that provides smart products and services on industrial automation• Hands-on IIoT and IoT technologies
● Namal Club of Art and Media Nov 2018 - March 2021	Outreach Manager <ul style="list-style-type: none">• Well aware of Outreach Activities• Commercialization of NCAM Society on all Social Media Platform.

OTHER EXPERIENCE

● Fiverr.com August 2021-Present	Content Writer <ul style="list-style-type: none">• Write and rewrite technical content and reports for international clients.
● IEEE Namal Student Branch Nov 2018 - March 2021	Logistics <ul style="list-style-type: none">• Documents handling, Record & Stuff management, etc
● All Student Welfare Organization Oct 2019 - Present	Volunteer <ul style="list-style-type: none">• Worked as a volunteer for career counseling of Intermediate Students

KEY ACHIEVEMENTS

- Achieved 100% merit-based scholarship for the graduate program at Namal Institute Mianwali
- Achieved 100% merit-based scholarship for intermediate at Superior College Mianwali
- Awarded by PEEF merit-based scholarship
- Received the best player of the tournament award in 3 consecutive Football Tournament in Mianwali

SKILLS & INTERESTS

- **Key Skills:** Technical Writing, Quick Learning, Communication, Team Work, Responsibility and Attention to details.
- **Technical Skills:** MATLAB, Simulink, Pspice, Proteus, Cisco Packet tracer, AutoCad, MS Office, Google apps
- **Interests:** Development in Pakistan Football, Exploring Words, Reading Books, Freelancing