

HAIDER CHAUDHRY

MACHINE LEARNING ENGINEER

Ward No 2, Fateh pur road Chowk Azam,
Distt.Layyah

Mobile: +9231267671611

Email: haider.chaudhry161@gmail.com

LinkedIn: linkedin.com/in/haiderchaudhry

ABOUT ME

An ambitious and creative individual able to solve real-life problems related to machine learning, computing, power, and electronics. Confident in applying engineering knowledge to work for the advancement of the company and society. Knowledgeable about advanced techniques in engineering, public relations, reputation management, computing, and programming. Sharp, self-assured, and performance-driven with careful analytical skills coupled with team-building relationships and strong leadership. Seeking to leverage these solid skills in a reputable organization.

EDUCATION

●	Namal Institute Mianwali 2018-Present	Bachelors in Electrical Engineering <ul style="list-style-type: none">• Specialization in Computing• CGPA: 3.593/4
●	Government College, Chowk Azam 2016-2018	Intermediate (Pre-Engineering) <ul style="list-style-type: none">• Subjects: Maths, Chemistry, Physics• Grades: 84%
●	Govt MC High School 2014-2016	Matric (Science) <ul style="list-style-type: none">• Subjects: Maths, Chemistry, Physics, Computer• Grades: 93%

KEY PROJECTS

●	Nutrients Deficiency Detection in Plants using Machine Learning(FYP) <ul style="list-style-type: none">• To develop a user-friendly mobile application for the detection of deficient nutrients in the plants using machine learning techniques.
●	Robot Car <ul style="list-style-type: none">• Worked in a group project and built a Bluetooth controlled motor car using motor driver L298N.
●	Line Follower Robot <ul style="list-style-type: none">• Worked in a group project and built a Lego Line Follower Robot based that follows black line on a white surface - Technologies used: Mindstorms EV3, MATLAB.
●	Smart Door Lock <ul style="list-style-type: none">• Designed and simulated a password protected smart door lock system for security using Digital Logic Design
●	Water Level Indicator <ul style="list-style-type: none">• Built a water level indicator to overcome the water flowing problems from the tank.
●	Programming Projects <ul style="list-style-type: none">• Tic Tac Toe Game - Technologies used: Python, C++• Paddle Ball Game - Technologies used: Scratch Software

PROFESSIONAL EXPERIENCE

- Multan Electric Power Company Limited (MEPCO)
Aug 2021- Sept 2021
 - **Internship Trainee**
 - Performed multiple activities assigned by the supervisor.
 - Observed monthly maintenance of the electric grid station.
 - Applied theory knowledge in practical field.
- Mindstorm Engineering
Sept 2021- Oct 2021
 - **IIoT - Industry 4.0 Intern**
 - Gained productive experience with IIoT technology and practiced related tools and software used in IIoT Industry 4.0.

WORK EXPERIENCE

- IEEE Namal Student Branch
May 2021-Present
 - **Chairperson**
 - Responsible for administering Branch operations, events and activities.
 - Organize annual Branch activities with the approval of the Branch Committee and provide leadership to achieve them.
 - Lead in preparing the agenda and serve as head for all meetings of the Branch Committee.
 - **Level One WordPress Designer & Content Writer**
 - Writes and review technical content for international clients
 - Works on WordPress website design and development on a project basis.
- IEEE Namal Student Branch
Sep 2019-May 2021
 - **General Secretary**
 - Responsible for managing and reporting administrative activities of the Branch.
 - Actively communicated all activities of the branch to Chair and Vice-Chair.
 - Worked closely with higher authorities to provide the necessary administrative support.
- IEEE Namal Student Branch
Oct 2018-Aug 2019
 - **Logistics**
 - Documents handling, Record & Stuff management etc.
- Namal Idea Club
Nov 2018-June 2019
 - **General Member**
 - Provide support to the President, Secretary and other General Committee members to ensure ensuring the club sets and meets its goals.
- TEDx Namal
Nov 2018-June 2019
 - **Director Security and Protocol**
 - Planed guest speaker visit, talk and event.
 - Responsible for identifying security risks and create safety plans.
 - Made and sent invitations.

SKILLS & INTERESTS

- **Software Skills:** Microsoft Office (Word, Excel, PowerPoint), Google Apps, MATLAB, Proteus, CodeBlocks
- **Soft Skills:** Time Management, Quick Learner, Communication, Team Leader, Responsible, Skilled IT Knowledgeable, Organization Skills
- **Interests:** Cricket, Entrepreneurship, Badminton, Freelancing, Marketing, Gardening and Books Reading

AWARDS AND HONORS

- IEEE Student Member
- IEEE Women in Engineering (WIE) Student Member
- IEEE PES Day 2021 and 2020 Ambassador
- Volunteer at IEEE WIE Leadership Summit 2019
- Senior Vice President-State Youth Parliament Chowk Azam
- Volunteer at Obedullah Welfare Organization
- Volunteer at Grow Pakistan Layyah & Mianwali Chapter
- Volunteer at Million Smiles
- Certified Freelancer by DigiSkills (a government program)
- Awarded by PEEF merit-based scholarship
- Achieved 100% merit-based scholarship for the graduate program at Namal Institute Mianwali.
- Quaid E Azam Scouts (Pakistan Boys Scout Association, Punjab Board), 2016
- Quaid E Azam and Allama Iqbal Scouts (Regional Scouts Training, D.G.Khan) 2014-2015

REFERENCES

- **Dr. Malik Jahan Khan**
Associate Professor, Department of Computer Science.
Namal Institute Mianwali
Mobile: +92 321 8778333
Email: malik.jahan@namal.edu.pk
- **Dr. Sami Ud Din**
Assistant Professor, Department of Electrical Engineering.
Namal Institute Mianwali
Mobile: +92 333 5468497
Email: sami.uddin@namal.edu.pk
- **Dr. Hamza Zad Gull**
Assistant Professor, Department of Electrical Engineering.
Namal Institute Mianwali
Mobile: +92 321 9190297
Email: hamza.zad@namal.edu.pk