



Hassan Zeb

Electrical Engineering Undergraduate

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☎ 03176989926

📍 Minawali, Pakistan

Electrical Engineering student at Namal University with a strong focus on Machine Learning, IoT Systems, and Computer Networking. Proficient in Python for ML and automation, MATLAB for signal processing, and network configuration and security. Passionate about building intelligent, connected systems at the intersection of AI, wireless communication, and IoT.

EDUCATION

BS Electrical Engineering

Namal University, Mianwali
Oct 2022 - Jun 2026

Courses

- Electronic Devices & Circuits
- Computer Architecture
- Embedded Systems
- Signals & Systems
- IoT
- Data Structures & Algorithms
- Introduction to Machine Learning
- Digital Logic Design
- Computer Communication Networks
- Power Electronics

WORK EXPERIENCE

Engineering Internee

Century Paper & Board Mills Ltd

Industrial Internship Cogeneration Power Plant

Aug 2025 - Sep 2025 | Pakistan

Accomplishments / Tasks

- Observed cogeneration power plant operations
- Studied electrical & mechanical power systems integration

Contact Person

Zahoor Ahmed Saleem |
zahoor-saleem@centurypaper.com.pk

Engineering Internee

ECOPOWER Solar Services

Specializing in the installation and management of solar power plant

Jul 2025

Accomplishments / Tasks

- Site Assessment
- System Knowledge

Contact Person

Engineer Najeeb

SKILLS

- Python
- MATLAB
- Cisco Packet Tracer
- ESP32-S3
- Machine Learning
- VS Code
- Proteus
- Hardware Design

PROJECTS

Wearable IMU-Based Dual-Hand Gesture Recognition System

Lead Developer

Sign Language to Text / Speech Conversion using ML

32-bit RISC-V Pipelined Processor

Lead

Smart Agriculture IoT Microgrid Monitor

Group Project

Voice Recognition using MATLAB

Lead

Line Follower Robot

Group Project

Autonomous robot for Namal Tech Expo 2024

ORGANIZATIONS

Century Paper & Board Mills Ltd

Internee Engineer

Namal University, Minawali

Hostel Fellow

CERTIFICATES

Machine Learning Specialization

DeepLearning.AI & Stanford University (Coursera)

Supervised ML, Advanced Learning Algorithms, Unsupervised Learning & Reinforcement Learning by Andrew Ng

Aug 2025

Certificate of Participation

Line Follower Robot Competition

Certificate of Achievement

Syed Bilal Ali Naqvi

IQ Test Organized by Victoriam