Muhammad Behzad Hassan

Electrical Engineer (Power & Computing)

As a highly skilled and results-driven professional with a passion for computing and a proven track record of success, I excel in leveraging my strong research aptitude, clear and efficient time management skills, exceptional communication capabilities, and technical expertise to achieve organizational goals. Whether working independently or as part of a team, I approach each project with an open mind and a collaborative spirit, fostering a positive and inclusive environment that encourages creativity and innovation. I exhibit patience and empathy during critical moments, while my exceptional leadership skills inspire and motivate others to achieve their full potential.

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EDUCATION

BS. Electrical Engineering (Power & Computing)
NAMAL University Mianwali

09/2019 - Present   *CGPA: 3.44*
Courses

- Electrical Machines
- Internet of things
- Computer Architecture
- Digital Image Processing
- Power Electronics
- Control System
- Smart Grid System
- Machine Learning
- Communication Systems
- Digital Signal Processing

WORK EXPERIENCE

Internship Training
CDL Workshop, Pakistan Railway

07/2022 - 09/2022   *Rawalpindi*

Central Diesel Workshop Rawalpindi is a government-run facility located in Rawalpindi, Pakistan. The workshop specializes in repairing and maintaining diesel engines, locomotives, and other heavy machinery used in the transportation industry.

Achievements/Tasks

- Extensive experience in the maintenance and production of heavy machinery
- Strong understanding of the role of electrical machinery in heavy engines
- Hands-on experience with a wide range of heavy machinery and equipment
- Demonstrated expertise in troubleshooting and problem-solving

ORGANIZATIONS

Centre of Excellence and Skills Development
(11/2019 - 12/2021)

SKILLS

Machine Learning   Image Processing   ETAP
Proteus   Embedded Computing   Verilog
Python   Circuit Analysis   Raspberry Pi

PERSONAL PROJECTS

Final Year Project (07/2022 - 07/2023)
- Machine Learning-Based Seed Classification and Controlled Sowing System

"Audio Classification Using Supervised Machine Learning Techniques."

"Verilog-Based Control Datapath Design and Implementation for a Processor in Computer Architecture"

CERTIFICATES

All Pakistan Interloop Business Plan Competition-NTU Faisalabad

ACHIEVEMENTS

Honored with PEEF scholarships (03/2017 - 03/2019)

Achieved 1st Rank in intermediate at the college level.

LANGUAGES

English
Full Professional Proficiency

Urdu
Native or Bilingual Proficiency

INTERESTS

Innovation & Technology   Mobile Technology
Cricket   Photography   Social Media