Zafarullah Khan
Electrical Engineer

Dynamic Electrical Engineering student with expertise in Digital Signal Processing, Communication Systems, Control Systems, Embedded Systems and Machine Learning. Proven proficiency in problem analysis, creative problem-solving, and effective communication. Aiming to apply my skills in challenging roles across diverse industries, contributing to innovative solutions and advancements through keen technical acumen and analytical abilities.

✉ zavian1692@gmail.com   ☎ 03049997186   📍 Mianwali, Pakistan

EDUCATION

Electrical Engineering
Namal University Mianwali
09/2020 - Present,   Current CGPA: 3.12/4.0

FSc Pre-Engineering
F.G Inter College Noor Mahal Road Bahawalpur
08/2018 - 07/2020,   Marks: 87%

WORK EXPERIENCE

Supervision of under Assistant Engineer Maintenance FESCO
Mianwali
08/2023 - 10/2023,
- *Achievements/Capable to handle the work with:*
- Protection
- Operations
- Maintenance

Associate Data Analyst Intern.
NeoDocto
06/2023 - 09/2023,
NeoDocto: Global leader in healthcare and education transformation and providing innovative media experiences for positive change worldwide.
Achievements
- Data Cleaning and Preprocessing.
- Data Analysis and Exploration.
- Data Modeling and Forecasting.
- Communication and Collaboration.
- Additional Achievements (Automate tasks using Python, innovate analysis techniques, contribute to new data products, and engage in research projects.)

CO-CURRICULAR ACTIVITIES

IEEE Namal Student Branch (2021 - 2023)
Marketing Head

NMS (2022 - 2023)
Director of Event Management

SKILLS

Microsoft Office | Packet Tracer | ETAP | AutoCad
Matlab | PSpice/Proteus Professional | ModelSim
C/C++ | Critical Thinking and Problem Solving
Customer service and Public Speaking Skills

PERSONAL PROJECTS

Smart Wheelchair
- This project introduces an innovative automated wheelchair with sit-to-stand features, specifically designed to enhance the mobility and independence of individuals with disabilities. The wheelchair allows users to effortlessly switch between sitting and standing positions, offering a user-friendly experience.

Milk Purification Identification
- Implementing a machine learning-based solution for milk purification identification. The project aims to develop a model that can analyze key parameters, ensuring the quality and purity of milk. By leveraging advanced algorithms, it seeks to enhance accuracy in identifying and categorizing various milk types for quality control purposes.

Enhancing Digital Communication with OFDM, QPSK and BPSK Techniques
- My project focuses on enhancing digital communication using OFDM along with QPSK and BPSK techniques. The objective is to optimize data transmission efficiency by employing these modulation techniques, providing a more robust and reliable communication system. Through the integration of these technologies, the project aims to improve overall communication performance and data throughput.

CERTIFICATES

Exercising Foundations of leadership
Course from Harvard University
Environmental Management Systems (EMS)
Course from eDX

LANGUAGES

English
Professional Working Proficiency

Urdu
Native or Bilingual Proficiency

Saraiki
Native or Bilingual Proficiency

Punjabi
Native or Bilingual Proficiency

INTERESTS

Robotics | Digital Signal Processing | Books Reading
Travel and Learning Languages | Photography