Bushra Hafeez

Electrical Engineer

An Electrical Engineer with a demonstrated background in IT support, proficiency in machine learning, and strong skills in data analysis, adept at delivering impactful solutions in dynamic environments while leveraging expertise in technology and a passion for innovation; experienced in collaborating across disciplines to tackle complex challenges, I strive to drive efficiency and innovation in every project.

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EDUCATION

Master's in Electrical engineering
National University of Sciences and Technology, Islamabad

09/2021 - 12/2023   *3.85/4*

Courses
- Machine Learning
- Optimal Control
- Stochastic System
- Adaptive Control

Bachelor's in Electrical Engineering
University of Engineering and Technology, Lahore

09/2017 - 08/2021   *3.05/4*

Courses
- Data Structures and Algorithms
- Microprocessor Systems
- Signals and Systems
- Digital Signal Processing

PROFESSIONAL EXPERIENCE

IT Support Intern
IBEX Global, Islamabad

08/2023 - 10/2023

Gained valuable experience in troubleshooting and technical support.

Teaching Assistant of Stochastic Systems
NUST, Islamabad

09/2022 - 01/2023

Enhanced my communication and organizational skills, as well as my ability to collaborate with faculty and students effectively.

Intern
Power House, UET, Lahore

07/2019 - 08/2019

Gained valuable hands-on experience in the operation and maintenance of electrical systems, and generators, and power distribution equipment.

TECHNICAL SKILLS

`Python` `R Programmming Language`
`C Programming Language` `Spreadsheets` `MySQL`
`Tableau` `MATLAB/Simulink`

PERSONAL PROJECTS

Barrier Function based Adaptive Sliding Mode Control for Indirect Vector Controlled Induction Motor in Multi-Source Hybrid Electric Vehicles. (09/2022 - 11/2023)

Analyzed smart device data to gain insight into how consumers are using their smart devices, and providing marketing strategy for the company. (12/2023 - 01/2024)

Development Of Airline Baggage Scanning System By Deep Learning. (09/2020 - 08/2021)

CERTIFICATES

Google Data Analytics (10/2023 - 01/2024)
Skills acquired like data collecting, data cleaning, data visualization, data analysis, and how to communicate data insights

Machine Learning Specialization (01/2020 - 04/2020)
Acquired a comprehensive understanding of Linear Regression, Logistic Regression, Artificial Neural Networks, Decision Trees, K-Maps, and Recommender Systems.

Data Analysis using Python (03/2023 - 02/2023)
Applied analytical techniques to datasets using libraries such as Pandas, Numpy, and Scipy.

SOFT SKILLS

Communication Efficiency

Adaptability

Team Building and Leadership

Structured Thinking

LANGUAGES

English
Full Professional Proficiency

Urdu
Native or Bilingual Proficiency