



Usman Hafiz

Problem solving enthusiast with a data driven approach. Possess excellent interpersonal skills with sublime verbal and written communication prowess. Work best in dynamic conditions applying critical thinking skills.

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EDUCATION

B.Tech in Electrical Engineering

Indian Institute of Technology, Delhi

2016 - 2020

IIT Delhi

PROJECTS

Loan Prediction Analysis

Pandas|Numpy|Seaborn|Scikit-learn

Machine Learning

- Exploratory data analysis with transformations.
- Training the ML model using scikit.
- Correlation Matrix & Confusion Matrix analysis.

Sales data analysis of an e-comm. store

Python|Pandas

Data Analytics

- Creating a performance profile of the product line.
- Deciding the best time to advertise the products.
- Identifying the specifics of the best sales periods.

Vector Control of Induction Machine

MATLAB|SIMULINK

Simulation

- Vector control using current hysteresis controller.
- Performance analysis of 3 ϕ IM during vector control.

COURSES

Data Structures and Algorithms

Done using object-oriented programming paradigm

Microeconomics

Slutsky equation, Market demand, Elasticities, Expansion path.

Global Political Economy

International trade and finance, industrial capitalism.

Industry and work culture under globalization

Rise of IT sector and BPO industry, info. economy & CSR.

Rural Industrialisation: Policies, Programmes and Cases

Rural transformation through decentralized technologies.

Science, Technology and Human Development

Dynamics of technological change. Gender dimensions of S&T.

Probability and Stochastic Processes

Axioms, Distributions, Generating functions of probability.

SKILLS

Python

Pandas

SQL

JAVA

C

MATLAB

SCHOLASTIC ACHIEVEMENTS

NTSE Scholar

- National Talent Search Examination conducted nation-wide by NCERT

NCO - Rank 2 (J&K + Himachal Pradesh)

- National Cyber Olympiad by Science Olympiad Foundation

EXTRA CURRICULAR ACHIEVEMENTS

Football

1st position (Gold) in Sportech 2018, IIT Delhi

Debating

Special mention in Stalwarts 2016, IIT Delhi

MUN (Model United Nations)

High Commendation Award, MUN JKPS'14

Drama

Dramatist of the year 2014 HSJ

Painting

6th position at NHPC organized State Level Painting Competition

Parade

Best Commander Award at Sports Day March-Past at HSJ'14

INDUSTRIAL TRAINING

Suratgarh Super Thermal Power Plant RRVUNL

Vocational Training in Power Generation

JKPDD Gladni Grid Station

Step down power transformation 220/33 KV

POSITIONS OF RESPONSIBILITY

Football Captain Nilgiri Hostel

1st runnerup in inter-hostel football competition

House Captain HSJ

Best performance in sports category

INTERESTS

Football

Bodybuilding

Biking