



PROFILE

Electrical Engineer with a specialization in Computer Engineering. Proficient in data science, machine learning, and data analysis. Dedicated to driving innovation at the intersection of technology and engineering.

CONTACT

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LinkedIn

[linkedin.com/in/usama-usman-0a770223b](https://www.linkedin.com/in/usama-usman-0a770223b)

Github

<https://github.com/usama-usman-30>

HOBBIES

- Studying about AI Concepts
- Readings Novels
- Teaching in Academies
- Making handcrafted Thermapol Models
- Playing Badminton
- Listening Music

LANGUAGE

- English
- Urdu



Usama Usman

Electrical Engineer - Computer Engineer

EDUCATION

- NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES (FAST-NUCES),**
Bachelors in Electrical Engineering,
Specialization in Computer Engineering
(2019 – 2023 | Lahore, Pakistan)
- GOVT. ISLAMIA COLLEGE CIVIL LINES,**
Intermediate(Pre-Engineering),
Board of Intermediate & Secondary Education
(2016 – 2018 | Lahore, Pakistan)
- GOVT. CENTRAL MODEL SCHOOL NO. 2, FOR BOYS, Rattigan Road**
Matriculation (Computer Science),
Board of Intermediate & Secondary Education
(2014 – 2016 | Lahore, Pakistan)

PROJECTS

ELECTRICAL AND COMPUTER SCIENCE

Construction Management System using ASP.Net, C#, SQL

Mini Computational Logical Unit

Package Delivery System using C++

Mini Airplane Management System using C++

8 Bit Calculator and Binary Converter using Assembly Language

DATA SCIENCE AND MACHINE LEARNING

A Flask App for Automatic Dataset Labeling

Intel Image Classification using Pytorch and CNN

Image Classification of Flowers using ResNet-50 CNN

Celebrity Face Recognition using OpenCV

Heart Disease Prediction a

SMS Spam Detection

Credit Card Detection

Customer churn Predictor

Car Price Prediction

Titanic Classification

Stock Price Prediction

FYP: Smart Prepaid / Postpaid Energy Billing System

Experience

- Hazel Mobile Pvt. Ltd** (Nov 2023 - March 2024 | Lahore, Pakistan)
Full-time / On-site
Associate Data Analyst
- CodeAlpha Pvt. Ltd** (January 2024 | Lahore, Pakistan)
Internship / Remote
Data Science Intern
- CodSoft Pvt. Ltd** (January 2024 | Lahore, Pakistan)
Internship / Remote
Machine Learning Intern
- My Impact Meter Pvt. Ltd** (July/August 2022 | Lahore, Pakistan)
Internship / On-site
Web Development Intern
Worked on html, javascript, mongoDB and figma

TECHNICAL SKILLS

- Python
- Machine Learning
- HTML
- Data Science
- JavaScript
- MS Excel
- SQL
- MS Power BI
- C/C++
- MATLAB
- Google Colab Notebook
- Jupyter Notebook
- Assembly Language
- Google Firebase
- Google Analytics
- Google BigQuery
- Google Looker Studio
- VHDL
- Keil
- Proteus

SOFT SKILLS

- Leadership
- Teamwork
- Problem Solving
- Strong R&D Skills
- Time Management
- Decision-making

CERTIFICATIONS

- Google Advanced Data Analytics Capstone, **Coursera**
- Google Analytics for Beginners, **Google Analytics**
- DeepLearning.AI: Sequences, Time Series and Prediction, **Coursera**
- Deep Learning with PyTorch : Image Segmentation, **Coursera**
- Deep Learning Essentials, **Coursera**
- Industrial IoT on Google Cloud, **Coursera**
- Certificate for Head Marketing, **SOFTEC'22**
- Certificate for Exceptional Volunteer, **SOFTEC'22**
- Certificate for attending a training / workshop on Machine Learning, **FAST-NU**

Hardware Skills

- Digital Logic Design
- Electric Network Analysis
- Linear Circuit Analysis
- Analog & Digital Design
- Microcontrollers
- Embedded Systems
- Digital Design