ALIZA YOUSAF

A S P I R I N G   A I   E N G I N E E R

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SKILLS

- Machine Learning
- Data Analysis
- Artificial Neural Networks
- Computer Vision
- Deep Learning
- Frontend Development (HTML, CSS, JavaScipt and Bootstrap)
- Python, Java, C++
- Backend Development (FastAPI, MongoDB)
- Problem Solving
- Strong Communication
- Team Work

EDUCATION

BACHELOR OF ARTIFICIAL INTELLIGENCE

Comsats Institute of Information and Technology
2022 (Feb) - 2026 (Feb)

CAIE - ADVANCED LEVEL

Lahore Grammar School Defence
2017 - 2019

PROFILE

As an AI Engineering student with a solid foundation in machine learning and hands-on experience from academic projects, I am passionate about AI-powered Robotics and eager to explore diverse AI fields such as LLMs, neural networks, and deep learning models. Known for my dedication, teamwork, and commitment to continuous learning, I am driven by a desire to innovate and grow in the AI domain.

INTERNSHIPS AND CERTIFICATIONS

MACHINE LEARNING AND DATA SCIENCE BOOTCAMP

Udemy/ Zero to Mastery Academy   2024 - Present

- Covering key topics and tools such as data exploration, visualization (Matplotlib, Seaborn), machine learning algorithms (supervised learning, decision trees, random forests, SVMs), deep learning (Neural Networks, TensorFlow 2.0, Keras), data handling (Python, Numpy, Pandas), model evaluation, hyperparameter tuning, and using big data technologies (Hadoop, Spark). Hands-on projects include real-world datasets and image classification.

VIRTUAL INTERN

CodSoft   February 2024- March 2024

- Former Python Programming intern at CodSoft, where they assigned multiple coding tasks and projects that tested my knowledge about the latest developments in Pythonand made me proficient in the language.

PROJECTS

Face Emotion Classification using CNN

- Developed a machine learning project using a Convolutional Neural Network (CNN) to classify face emotions on a dataset of pictures displaying various emotional expressions.

Heart Attack Analysis and Prediction

- Performed data analysis and trained various ML models including k-means clustering and decision trees on a heart attack classification dataset, aiming to predict and analyze heart attack occurrences.

Food Delivery Web Application using FastAPI

- Developed a web application for food delivery using FastAPI, MongoDB, HTML, CSS, and JavaScript. Combined backend development, and frontend design to create a user-friendly application.