



## Aroz Imran

BS (Data Science) – AI/ML/Cloud

### Education

#### National University of Computer and Emerging Sciences, Lahore Campus

BS (Data Science) – 2021 CGPA: 3.31

#### Unique College Lahore

F.Sc - Pre Engineering

### Projects/Portfolio

- **MedFast AI Tumor Detection & Chatbot(FYP):** Developed a React-based application integrating LLMs for MRI tumor detection using RAG technology.
- **Automated SQL Generation-Openai:** Created a Python tool that leverages the OpenAI API to convert natural language queries into optimized SQL statements.
- **RNN API Image Detection:** Designed an API utilizing recurrent neural networks to improve image detection accuracy.
- **Remote Sensing Imaging UNET Segmentation:** Implemented a U-Net model for precise segmentation of remote sensing images.
- **Transformer Based Model BERT-MobileBERT-RoBERTa:** Fine-tuned transformer models to enhance various natural language processing tasks.
- **Predicting Student Dropout and Success Using Deep Learning:** Built a predictive model using machine and deep learning to classify student outcomes.
- **Web Scraping (YouTube/Amazon/LinkedIn):** Combined web scraping with deep learning to analyse and visualize trends from YouTube data.
- **Graveyard Management System Website Development SQL PHP CSS HTML:** Collaborated on a full-stack web application to manage graveyard records.

### Work Experience

- **Artificial Intelligence Engineer – OnyxTec** (Jan 2025 – Present)  
Developed AI-powered chatbots and automated solutions using LLMs, NLP, and web integration.
- **Data Science & ML Intern – Virtual Force** (Jun 2024 – Oct 2024)  
Contributed to machine learning and deep learning model development.
- **Data Science Intern – Glowing Soft** (Jun 2023 – Aug 2023)  
Conducted data preparation, EDA, and implemented machine learning algorithms.
- **Front Desk Officer – Fast University, Lahore** (Jun 2022 – Jul 2022)  
Managed front desk operations, entry tests, and student coordination.

### Honors, Awards & Certificates

DEAN's List Spring 2024

DEAN's List Fall 2024

#### Certificates:

- **AWS Academy Graduate** - AWS Academy Cloud Foundations
- **Data Analytics and Business Intelligence** (Digiskills)
- **FAST Business Ideathon Certificate**

### Skills & Tools

#### Programming Skills & Tools

C++, Python, Assembly Language, Visual Studio, Jupyter Notebook, PyCharm, React, JavaScript, MERN, AWS Cloud, LLM, Hugging Face, OpenAI.

#### Libraries and Frameworks

Media Pipe, YOLO, Numpy, Pandas, Sklearn, TensorFlow, NLTK, OpenCV, PySpark, LangChain, Flask, FastAPI, MERN.

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