Bilal Imran

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Objectives

Enthusiastic and fast-learning professional stepping into Machine Learning, eager to apply strong problem-solving skills and creative thinking to real-world challenges. Passionate about growth, innovation, and making an impact

Education

Barani Institute of Information Technology   *Feb 2022 - March 2026*
BS in Computer Science (Specialization in AI)
- CGPA: 3.86/4.0

Experience

KPO   *Rawalpindi*
Cookania/PopNosh   *Nov 2021 - Feb 2022*
- It involves use of Company Softwares while handling their inventory and audit the data

FYP Project Member   *Rawalpindi*
Nuero Symbolic VQA   *March 2025 – onwards*
- Collaborated with Dr. Hassan Nazeer on a cutting-edge Final Year Project focused on "NeuroSymbolic Visual Question Answering"
- Developed a real-time AI system using **YOLO and symbolic reasoning** to answer spoken questions about live camera images, with audio response output.

Projects

AI Resume Job Matcher and Skills Extraction   *Github* ⧉
- Developed an AI-powered resume job matcher using Random Forest (scikit-learn), TF-IDF Vectorizer, and PyMuPDF/fitz with custom skill extraction functions.

Chatbot FAQs   *Github* ⧉
- Built a FAQ chatbot using TF-IDF vectorization and cosine similarity to match user queries with relevant answers.

Yolo V8 Video Object Detection Tracker   *Github* ⧉
- A Flask web app that streams real-time YOLOv8 object detection on uploaded videos via Ultralytics.

Phishing and Spam Detection Using XG Boost ,SMOTE and TD-IDF   *Github* ⧉
- Developed a phishing and spam email classifier using TF-IDF (scikit-learn), XGBoost, SMOTE (imbalanced-learn), and Python libraries like Pandas and NumPy.

MultiLang Translator Neural-Machine-Translation with HuggingFace Transformers and also using DeepTranslator   *Github* ⧉
- Developed a multilingual neural machine translation app using Hugging Face Transformers (MarianMT), PyTorch, and DeepTranslator for English, French, and German translation.

More Projects are coming on portfolio and Github

Technologies

Languages: Python , C ,C++ , HTML , CSS , Java

Technologies: Programming: Pandas, NumPy, OpenCV Scikit-learn, TensorFlow, PyTorch