

Wajid Ali

AI Engineer



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SUMMARY

AI engineer with 3+ years of experience in machine learning, deep learning and computer vision, including two years in industry at IR Solutions, Islamabad. Currently completing a Master's in Biometrics and Intelligent Vision at Université Paris-Est Créteil. I build computer vision, biometrics and LLM-powered applications, and I'm looking for a full-time role or end-of-degree internship in AI.

EXPERIENCE

AI Engineer

IR Solutions Jan 2023 – August 2024 Islamabad, Pakistan

- Designed and implemented deep learning and computer vision solutions using Python, OpenCV, and MediaPipe for real-time detection and analysis tasks.
- Built and fine-tuned neural network architectures for computer vision applications, optimizing for accuracy and inference performance.
- Integrated LLMs into existing systems to enable intelligent automation and enhanced decision-making capabilities.
- Collaborated on software integration efforts, connecting AI/ML models with backend services for seamless end-to-end functionality.

ML Engineer Intern

IR Solutions Sep 2022 – Dec 2022 Islamabad, Pakistan

- Designed and developed RESTful APIs using FastAPI to serve machine learning models and integrate them into production workflows.
- Built and trained ML models in Python, handling data preprocessing, feature engineering, and model evaluation.
- Integrated ML components with existing software systems, ensuring smooth data flow between services and downstream applications.
- Managed relational databases for storing and retrieving structured data used in model training and inference pipelines.

EDUCATION

M.Sc. Biometrics and Intelligent Vision

Université Paris-Est Créteil (UPEC) 2025 – 2027 (expected) Créteil, France

B.Sc. Computer Software Engineering

University of Engineering and Technology Mardan 2019 – 2023 Mardan, Pakistan

PROJECTS

Please find my projects in my [Portfolio](#) or [GitHub](#).

SKILLS

Python/C++/C#
Backend Development
Flask, FastAPI
API's

HTML, CSS, JavaScript
ML, DL
Computer Vision
Image Analysis

OpenCV
Mediapipe
Transformers
Neural Networks (CNN, RNN)

Biometrics
GenAI
RAG Pipelines
BioMedical Signal Analysis

Software Integrations
LLM's

LANGUAGES

Urdu/Hindi
Native

English
C1

French
A2