

Mouattar

BS Artificial Intelligence Student

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Profile

BS Artificial Intelligence student with hands-on experience in Machine Learning, Deep Learning, and Computer Vision. Seeking an internship to apply technical skills and contribute to real-world AI solutions.

Education

Bachelor of Science in Artificial Intelligence

2023 – 2027

Pak-Austria Fachhochschule Institute of Applied Sciences and Technology, Haripur

CGPA: 3.11

Dean's List of Honor — Spring 2025

Experience

AI Intern — ATS AI Lab

Jul 2025 – Aug 2025

- Developed and trained Deep Learning & Computer Vision models for real-world use cases
- Implemented image classification pipelines and improved model performance through optimization techniques
- Deployed and tested models using Microsoft Azure cloud services

Data Analysis Intern — TechSolution

Jun 2023 – Aug 2023

- Conducted data cleaning, preprocessing, and visualization for organizational datasets
- Designed and executed SQL queries for efficient data retrieval and analysis

Key Projects

AI Medical Assistant

GitHub Repository

- Developed a multimodal AI system for X-ray disease detection using deep learning models
- Implemented medical report summarization using Large Language Models (LLMs)
- Integrated guideline retrieval system for clinical decision support
- Combined computer vision and generative AI to build an end-to-end healthcare assistant

Flask Chat Application

- Developed a real-time chat system using Flask, Socket.IO, and JavaScript
- Implemented private/public messaging, authentication, and file sharing features

PanT-HybridNet – Early Detection of Pancreatic Tumors (FYP)

- Designing a dual-stream deep learning architecture for early tumor detection
- Focused on improving accuracy using hybrid AI models and medical imaging techniques
- Research-based project targeting real-world healthcare applications

Technical Skills

- **Languages:** Python, Java, C++
- **AI/ML:** Machine Learning, Deep Learning, Computer Vision, NLP, Generative AI, LLMs
- **Advanced Techniques:** Transfer Learning, Fine-Tuning, Prompt Engineering
- **Web Development:** HTML, CSS, JavaScript, Bootstrap, Flask
- **Cloud & Tools:** Microsoft Azure, Azure ML, Azure Databricks, Jupyter, Colab, Anaconda
- **Databases:** SQL
- **Core Concepts:** Data Structures & Algorithms, OOP, Information Security, Data Preprocessing