

Muhammad Hassaan Naveed

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PROFILE SUMMARY

Highly driven and detail-oriented Computer Science graduate with hands-on experience in data science, machine learning, and agentic AI. Proven ability to develop intelligent systems through academic projects and industry roles, including work on Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), and modern AI frameworks. Strong problem-solving skills, collaborative mindset, and a passion for continuous learning and AI innovation.

EDUCATION

BS Computer Science
Institute of Management Sciences, IMSciences
CGPA: 3.50/4.00

Aug 2024
Peshawar, PK

RELEVANT COURSEWORK

- Object Oriented Programming
 - Natural Language Processing
- Data Structures & Algorithms
 - Software Project Management
- Machine Learning
 - Artificial Intelligence

PROFESSIONAL EXPERIENCE

Programmers Force Pvt Ltd
Associate Data Scientist

Sep 2024 – Present
Lahore, PK

- Experienced in fine-tuning LLMs, RAG, and prompt engineering for intelligent system performance.
- Proficient in data collection, preprocessing, and quality assurance to deliver high-quality datasets for robust model training.
- Developed agentic AI systems using Autogen, LangGraph, and MCP servers; applied U-Net, Shear, and RoTNet for document parsing and feature extraction.

Bytewise Pvt Ltd
Machine & Deep Learning Intern

June 2024 – Aug 2024
Isb, PK

- Participated in coding sprints to strengthen problem-solving, and collaborative development skills.
- Conducted exploratory data analysis (EDA) and data visualization using Pandas, NumPy, Matplotlib.
- Gained hands-on experience with ML models, evaluation techniques, and preprocessing concepts.

TECHNICAL SKILLS

Languages: Python
Libraries & Frameworks: NumPy, Pandas, Keras, Sklearn, Matplotlib, TensorFlow, PyTorch, Autogen, LangGraph, CrewAI
Databases & Servers: SQL, MongoDB, MCP Servers
Tools & Platforms: GitHub, Firebase, Overleaf, Google collab, Hugging Face, Excel, Power BI

VOLUNTEER & COMMUNITY EXPERIENCE

- **Communication Team Member** – IM Computing & Innovation Society
- **Core Team Member** – Google Developer Student Clubs
- **IT Team Lead** – Business Fest IMSciences
- **Volunteer** – Microsoft Learn Student Ambassador
- **Volunteer** – Huzaifa Durrani Shaheed Foundation

HONORS & AWARDS

- Graduated with Scholastic Honors for outstanding academic performance.
- Recognized for exemplary leadership skills and contributions to the university community.