Taimoor Ul Islam
Machine Learning Engineer

Specializing in NLP, LLMs, and Reinforcement Learning (RL) for financial markets. Skilled in developing predictive models and intelligent trading systems by leveraging deep learning and sequential data analysis. Dedicated to advancing AI-driven financial insights through research and practical applications.

✉ meerilahidilawar@gmail.com   📍 Peshawar, Pakistan

🔲 taimoorulislam.com   in linkedin.com/in/taimoor-ul-islam-b617302a7

⬤ github.com/meerilahi

EDUCATION

Bachelor of Computer Science
City University of Science and Information Technology

11/2022 - Present   *CGPA 3.14/4*

PERSONAL PROJECTS

Large Language Model for Financial Analysis (Work in Progress) (04/2025 - Present) ⬈
- Developing an LLM-based system for fundamental stock analysis using financial reports and market news. Fine-tuning a transformer model to extract key insights and generate stock recommendations.
- Technologies: Python, Hugging Face Transformers, LangChain, Pinecone.

Reinforcement Learning for Stock Trading (Ongoing) (04/2025 - Present) ⬈
- Designed a reinforcement learning agent to optimize trading strategies and maximize portfolio returns.
- Technologies: Python, PyTorch, OpenAI Gym, RLlib.

Cricket Game Prediction (02/2025 - 03/2025) ⬈
- Built a machine learning model to predict cricket match outcomes based on historical match data, player performance, and team statistics.
- Technologies: Python, scikit-learn, XGBoost, Pandas.

SKILLS

Cloud Computing (GCP)   RAG and Agent AI

Natural Language Processing and LLMs   MLOPs

Scikit-learn, TensorFlow   SQL & NoSQL Databases

Neural Networks (CNNs, RNNs, Transformers)

Reinforcement Learning for Portfolio optimization

Strong Mathematical & Analytical Thinking

Time Series Analysis

CERTIFICATES

Financial Analysis with ARIMA and Time Series Analysis (03/2025 - 03/2025) ⬈
Course offered by Packt through coursera

Natural Language Processing Specialization (01/2025 - 03/2025) ⬈
Specialization by DeepLearning.AI offered through Coursera comprised of 4 courses

Fundamental of Equities (02/2025 - 02/2025) ⬈
Course offered by Interactive Brokers through coursera

Introduction to AI and ML on Google Cloud Platform (02/2025 - 02/2025) ⬈
Course offered by Google Cloud

IBM Machine Learning Engineer Professional Certificate (01/2025 - 02/2025) ⬈
Professional Certificate offered by IBM through coursera comprised of 6 courses

Associate Data Scientist (11/2024 - 01/2025) ⬈
Completed Associate Data Scientist Track on Data Camp

Machine Learning Specialization by Andrew Ng (11/2024 - 01/2025) ⬈
Specialization by Andrew Ng (Standford and Deeplearning.AI) offered through coursera comprised of 7 courses

Artificial Intelligence (04/2025 - 09/2024) ⬈
Course certification under by NAVTTC PM Youth Development Program Govt. Pakistan