AREEBA TAHIR

AI Engineer

About

Aspiring AI Engineer seeking an internship or entry-level position to leverage expertise in developing machine learning models, solving complex problems, and contributing to cutting-edge AI projects.

Contact

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LDA Avenue , Lahore

https://www.linkedin.com/in/areebatahir

Github https://github.com/Areeba-Tahir-18

Education

Comsats University Lahore

BS Artificial Intelligence

2023 - 2027

Course Work

Object oriented Programming ,
Data Structures ,
Machine Learning ,AI , Deep Learning

Technical Skills

- Programming: Python, C++, Java, TensorFlow
- Machine Learning: Supervised & Unsupervised Learning, Model Optimization
- Deep Learning: Neural Networks, CNNs, RNNs, LSTMs
- Data Science: Pandas, NumPy, Scikit-learn, Matplotlib, SQL
- Generative AI : Langchain,LLMS ,Web Development

Work Experince

Machine Learning Engineer | Upwork, Fiverr, Freelancer |
Developed and deployed machine learning models for client. Optimized ML pipelines, feature engineering, and hyperparameter tuning to improve model performance.

| **Machine Learning Intern** | [YoungDevInterns]

Assisted in developing machine learning models for predictive analytics and hyperparameter tuning .

Projects

- **Google StockPrice Prediction**

Developed a Google Stock Price Prediction Model using Artificial Neural Networks (ANNs), leveraging historical stock data . Optimized performance through multi-layer perceptrons (MLPs), feature engineering, and hyperparameter tuning to enhance predictive accuracy.

- **Adult Income ML Model**

Developed an Audlt Income Prediction Model using machine learnin techniques, including PyTorch, Scikit-learn, XGBoost, Random Forest, an Logistic Regression, to analyze financial data. Improved model accurac through feature engineering, hyperparameter optimization for precis income classification.

- **Amazon Product Reviews by LSTM**

Built an Amazon Product Review Sentiment Analysis Model using LSTM techniques to classify customer sentiments as positive, neutral, or negative. Enhanced model performance through word embeddings, sequence modeling, and hyperparameter tuning for accurate sentiment prediction.

- **Image Classification with CNNs**

Built a deep learning model for image recognition using Convolutional Neural Networks (CNNs).
Trained on large datasets and optimized with data augmentation techniques.

SOFT SKILLS

- Problem solving
- Time Managemet
- Presentation skill
- Team Collaboration
- Communication Skill

Languages

English

Urdu

Certifications

Leetcode : Solving Leetcode problems

Coursera : Google AI Essentials

Kaggle : Machine Learning Explainability

Coursera : Supervised Machine Learning

Membership

Member of **RAS** Robotics and Automation Society

Member of **ACM** Society

Member of **GDGOC** , CUI

Refrences

COMSATS Lahore Job Fair 2025

Phone : (042) 111001007

Chess Game - DSA

Developed a Chess Game using data structures and algorithms, implementing efficient move generation, game logic, and AI-based decision-making. Optimized performance through minimax algorithm and alpha-beta pruning

Medical Assistant Chatbot with LLMs and LangChain

Currently working on an AI-powered tool that uses Retrieval-Augmented Generation (RAG), LangChain, and LLMs to answer user health queries based on trusted medical sources.

Mysterious Castle Adventure Game -python

Developed a Mysterious Castle Adventure Game using Python data structures, implementing dynamic storytelling, player choices, and interactive gameplay. Utilized lists, dictionary, tuple, and oop concepts to manage game logic, puzzles, and character progression.

Song Playlist Management System -OOP

Built a Song Playlist Management System using Object-Oriented Programming (OOP) principles, incorporating features like song addition, deletion, sorting, and searching. Enhanced system efficiency through encapsulation, inheritance and polymorphism .

Hen n' Bun Web Development

A fast, modern, and responsive website for Henna Bun, developed using html,css,js. It showcases products, services, and booking options with smooth user interactions, minimal load times, and clean, mobile-friendly design. Built for performance and easy content updates.