

YASEEN KHAN

AI & ML LEARNER | DEEP LEARNING | DATA SCIENCE

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SUMMARY

AI/ML & Data Science Engineer skilled in Python, TensorFlow, and Scikit-learn. Experienced in building Deep Learning models (CNNs, Transformers, ResNet), LLMs, and delivering real-world AI projects. Proficient in data science, feature engineering, model evaluation, and visualization with tools like Kaggle, PyCharm, and Jupyter Notebook.

TECHNICAL SKILLS

Machine Learning & AI: Scikit-learn, TensorFlow, Keras, PyTorch, Large Language Models (LLMs).
Deep Learning: CNNs, Transformers, Residual Networks (ResNet), RNNs.
Data Science: Feature Engineering, Model Evaluation, Data Visualization, Statistical Analysis.
Tools & Platforms: Kaggle, PyCharm, Jupyter Notebook, Google Colab, GitHub.
Programming & Languages: Python, JavaScript.

PROJECTS

Real-Time Attendance System

- Developed an automated attendance system using the Haarcascade model for face detection and real-time processing.
- Enhanced efficiency by integrating computer vision techniques for accurate recognition.

AI Quiz Assessment Chatbot

- Designed and implemented a chatbot using Gemini 1.5 Flash to deliver interactive quiz assessments and evaluate user responses dynamically.
- Leveraged NLP techniques for improved user engagement.

Deep Learning Model Comparison

- Conducted a comparative analysis of multiple deep learning models on the Leaf dataset to determine optimal performance.
- Evaluated models like CNNs, ResNet, and Transformers to identify the most efficient architecture for classification tasks.

EDUCATION

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| Bachelor of Science in Computer Science (BSCS) | |
| University of Haripur, Pakistan | 2021-2025 |
| Intermediate | |
| The Scholar Science College | 2019-2021 |

ADDITIONAL INFORMATION

- Professional Interests:** Passionate about AI/ML research, deep learning advancements, and building intelligent systems.
- Personal Interests:** Playing football and cricket, problem-solving challenges, and contributing to open-source AI projects.
- Languages:** English, Urdu, Pashto, Punjabi.

CERTIFICATION

- Certified in Machine Learning with Python (freeCodeCamp)