



ZAHID AHMAD

MACHINE LEARNING ENGINEER

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EDUCATION

Bachelors of Science in Artificial Intelligence (3.60)

Islamia University of Bahawalpur, Pakistan

January, 2020 – January, 2024

WORK EXPERIENCE

Machine Learning Engineer Freelancer | Fiverr

January 1, 2023 – Present (1 year)

PPORTFOLIO

1. JOURNAL

- Journal Paper “Deep Learning for Uniform Detection A CNN-based Approach”(Submitted in SN Applied Sciences Journal- IF 2.6) Tanzeel Abbas, [Zahid Ahmad](#).

2. PROJECTS

AI based Smart Yoga Trainer (Final Year Project)

- The system utilizes a webcam to take input, compares the user's yoga pose with a pre-existing target image in the system by pose estimation using machine learning, and provides real-time feedback, scores, and personalized instructions for an optimized yoga experience.

Fake News Detection Using NLP (Presented at AI Expo 2023)

- Cleaned and pre-processed the data, and built a machine-learning model for fake news detection. The model achieved an accuracy of 99% and a precision of 94% in classifying fake news.

Cotton disease Detection and Prevention Using CNN. (Expo Winner 2022)

- Detects diseases and types of cotton disease and suggest steps and medicine prescriptions to get cure.
- Used Flask for GUI.

Student Uniform Detection Using CNN

- A project utilizing Convolutional Neural Networks and facial recognition algorithms enhanced multi-task learning, image processing, and deep learning model integration, specifically targeting improved student uniform and facial recognition. The practical applications extend to enhanced school security and precise attendance monitoring.

E-commerce data analysis of online shopping store

- I helped with data analysis, viewing insights of data, and suggesting ideas to attract more customers and increase sales.

More projects on my [GitHub](#)

PROFILE SUMMARY

- Experience in data manipulation for loading and extraction with python
- Libraries, such as NumPy, SciPy, sikit-learn, and Pandas for numerical computation and data analysis.
- Proficient in Machine Learning and Deep Learning Skills for multiple applications including Computer Vision, Predictive Modeling, and NLP.
- Strong coding ability in producing clean and efficient code.
- Highly skilled in TensorFlow, Keras, Pytorch, NumPy, Pandas, Sci-kit Learn, SciPy,
- Nltk, Matplotlib, seaborn.

SKILLS AND ACHIEVEMENTS

Languages

- Python, C++
- **Libraries/Frameworks:** OpenCV, Tensorflow/Keras NLTK, Flask, GitHub, Matplotlib, Langchain, Pandas, NumPy, face_recognition, HuggingFace, Streamlit, Scikit Learn, Seaborn, AWS Sagemaker , Azure.

Machine Learning and Deep Learning Skills

- Computer Vision (CV)
- Natural Language Processing (NLP)
- Predictive Modeling

General Software Skills

- Git and GitHub, MS Word, MS Excel, MS PowerPoint, Jupyter Notebook, Google Colab Vs Code

Achievements

- RUNNER UP of Artificial Intelligence Expo 2022 at The Islamia University of Bahawalpur, Pakistan.
- Awarded with laptop for good academic performance by Government of Pakistan.
- Awarded with merit scholarship by Islamia University of Bahawalpur.

COURSES

Crash Course on Python, Coursera

September 2021 – December 2021 (03 Months)

Deep Learning Essentials with Keras, Coursera

December 2022 – February 2023 (03 Months)

IBM AI Engineering professional certificate, Coursera

January 2023 – July 2023 (06 months)

Advanced Computer Vision and Deep Learning Certificate, Coursera

Data Science and Business Intelligence, NAVTTC Pakistan

June 2023 - September 2023 (03 Months)

LANGUAGES

- English
- Urdu