

Fahad Ali

Associate Data Scientist | Machine Learning | Python Developer
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ABOUT ME

Entry-level data scientist with experience in web app development using GPT API, image classification using CNN and Deep Learning, and cryptocurrency market analysis. Skilled in Python, Flask, Numpy, pandas, scikit-learn, data wrangling, and data visualization, with a Microsoft Azure AI 900 certification and a 6-month program in Artificial Intelligence. Pursuing a Bachelor's degree in Software Engineering.

WORK EXPERIENCE

Data Science Intern

[Corvit], [Lahore]

[07 Mar, 2022] - [06 Sep, 2022]

- Developed a machine learning model using the decision tree algorithm to predict house prices. Overcame a challenge of imbalanced data using stratified sampling to ensure balanced training and testing sets.
- Built an image-classification model using CNN and Deep Learning to detect malaria infection in cell images with 90% accuracy. Contributed to the development of a potential diagnostic tool for malaria.
- Explored the market capitalization of Bitcoin and other cryptocurrencies using data wrangling and visualization techniques. Estimated the growth and impact of these cryptocurrencies on the market, providing valuable insights to stakeholders.

Skills Used: Python, Flask, Decision Tree, CNN, Deep Learning, Numpy, Pandas, Scikit-learn, Data wrangling, Data visualization, Data Cleaning, Data Preprocessing, Feature Scalling

PUBLICATIONS

Kaggle: <https://www.kaggle.com/fahad786ali>

Github: <https://github.com/fahad-4-ai>

LinkedIn: <https://www.linkedin.com/in/fahad-alia599461b3>

EDUCATION HISTORY

ARTIFICIAL INTELLIGENCE (ML/DL)

Navttc

Navttc 6 month Program

Feb 2022 – Aug 2022

- Use scientific method, processes, algorithms and system to extract or extrapolate knowledge and insight from noisy, structure and unstructured data, and apply knowledge from data across a broad range of application domains.

BS SOFTWARE ENGINEERING

LLU, Lahore

Computer Science

Sep 2019-Apr 2023

- Pass with 3.7/4.0CGPA.
- In Final Year Project Developed a content writing web app using GPT 3 API and Flask, which allowed users to generate high-quality text content with minimal input. Which is easy to use and content are more easy.
- In this project use devinic-003 model and connect front-end using Flask Framework.

Skill use: Python, OpenAI, Flask, HTML/CSS, JavaScript

SKILLS

- **Programming Languages:** Python, SQL, C++
- **Python Libraries:** Numpy, Pandas, Matplotlib, seaborn, Scikit-learn, Transformer, Math, OpenAI
- **Machine Learning Algorithms:** Linear Regression, Logistic regression, Naïve Base, KNN, SVM, Random Forest, Decision Tree, LSTM, CNN
- **Web and Android:** Flask, HTML, CSS, XML, Android Studio, GPT API
- **Tools:** Jupyter Notebook, Google Colab, Kaggle, Anaconda, Visual code studio

ADDITIONAL

Languages: Fluent in English and Urdu

Hobby: Travelling, Book reading

Certifications & Training: Microsoft Azure AI 900(I363-1336), Corvit(AI Robotics)

Awards: PEEF scholarship holder (OM-0517-0503-1129)