MUHAMMAD FAIZAN

AI/ML enthusiast skilled in NLP and data science.

Email: muhammadfaizansgc@gmail.com   Mobile: +92 306 7106239

Github: https://github.com/faizan8787

EDUCATION

Bachelor of Science in Computer Science (BSCS)

Expected Graduation: June 2025

Namal University, Pakistan

SKILLS:

Programming Languages: Python (Pro), C++, JavaScript, SQL
Data Science Tools: PowerBI, Tableau, Jupyter, Google Colab, PyCharm
Frameworks & Libraries: Numpy, TensorFlow, PyTorch, Pandas, Scikit-learn, Keras, Seaborn
Technologies: Generative AI, Machine Learning, NLP, Image Processing
Software & Platforms: VSCode, Jupyter, PyCharm, Google Colab, Figma (UI/UX Design)

PROJECTS

Urdu Ligature Recognition with deep learning   **May-June 2024**

- Built a neural network using AlexNet, VGG16, and BLSTM for Urdu ligature recognition, achieving high accuracy.

Networking Tool Development   **January-February 2024**

- Created an interactive tool for designing and configuring network topologies with validation and simulation features.

PSL Database design and implementation   **January 2023**

- Developed an efficient database system for managing Pakistan Super League (PSL) data across all seasons.

Social Media Platform (Python Tkinter):   **June-July 2022**

- Built a platform with posting, liking, and connection features using Python Tkinter.

AI Based Pacman Game   **March 2024**

- Implemented an AI-driven Pacman game using Pygame, with SQLite for storing game data and high scores.

BERT Fine Tuning   **August 2024**

- Fine-tuned BERT on customized (self collected data) for high-accuracy intent classification in NLP tasks.

FREELANCE EXPERIENCE

- **Python & ML Tutor:** Conducted online sessions on Python and machine learning fundamentals, helping students with hands-on coding and projects.
- **Software Debugging & Design:** Assisted clients with software debugging, design patterns, and requirement specifications.
- **Data Science & ML Consultant:** Worked on data analysis and machine learning projects, offering solutions in model design, data preprocessing, and evaluation.

REFERENCES

Available upon request.