

Abubakar Bilal

Email: i220450@nu.edu.pk | Phone: +92-332-4752958 | Address: Lahore, Pakistan

Career Objective

Final-year BSAI student aiming to apply machine learning and software engineering skills to develop practical AI solutions. Seeking an internship or entry-level role to contribute to real-world projects and continue learning.

Education

Bachelor of Science in Artificial Intelligence (BSAI), FAST University — Final Year

O-Levels – LACAS

A-Levels – LACAS

Skills

- Python (NumPy, Pandas)
- Machine Learning & Deep Learning (scikit-learn, PyTorch)
- Data Analysis & Visualization (Matplotlib, Seaborn)
- SQL & Data Management
- Git & Version Control
- Model Evaluation and Experimentation

Experience / Internships

No formal internships yet. Open to internship opportunities.

Projects / Research

Text-to-Speech for Roman Urdu Diary (Coqui TTS) — Converted Roman Urdu diary entries into natural-sounding audio. Implemented preprocessing and fine-tuned an open-source TTS model. Tools: Python, Coqui TTS, Librosa.

Alpha-Beta Pruning for Chess Endgame (KQ vs K) — Implemented minimax with alpha-beta pruning to find optimal mate sequence in King+Queen vs King endgame. Tools: Python.

Achievements / Extracurricular Activities

- Multiple course projects and lab demonstrations in AI-related subjects

References

Available upon request.