

Name:

Shahmeer Ali

Contact Information:

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Address: House # 47, Street 12, F-10/3, Islamabad, Pakistan

Career Objective:

Motivated Artificial Intelligence undergraduate with expertise in Machine Learning and Systems Programming. Seeking opportunities to apply advanced algorithms and AI techniques to develop intelligent systems solutions.

Education:

Bachelor of Science in Artificial Intelligence, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad, June 2027 GPA: 3.12 / 4.00

Skills

- Programming Languages: C++, C, Python, Assembly (x86)
- Machine Learning: scikit-learn, TensorFlow, NumPy, Pandas
- Operating Systems: Linux, Process Management, Memory Management, System Calls
- Core Competencies: Data Structures, Algorithms, Object-Oriented Programming
- Tools & Technologies: Git, GDB, Makefile, Jupyter Notebook
- Languages: English, Urdu

Projects / Research:**Custom Shell Implementation in C, November 2024**

- Developed a Unix-like shell with support for built-in commands, process creation using fork and exec, and I/O. Implemented signal handling for process control and command history functionality.

Predictive Student Performance System, March 2025

- Built a machine learning model using Python and scikit-learn to predict student performance based on attendance, assignment scores, and demographic data. Achieved 82% accuracy using Random Forest classifier.

Data Structure Visualizer in C++, September 2024

- Developed a CLI in C++ to visualize BST and various other Data Structures using efficient memory management.

Experience / Internships:

Collaborated with a three-member team to build an AI-powered chatbot for customer service automation using Python and NLP techniques

Achievements / Extracurricular Activities

- Participant, FAST Speed Programming Competition — 2024
- Volunteer, Code for Pakistan Initiative — 2024

References

Available upon request.

