Name:
Ayman Irshad

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Career Objective / Profile:
Motivated Data Science undergraduate with strong interest in data analysis, artificial intelligence, and machine learning. Skilled in software development and data-driven problem solving with hands-on experience in research-based and practical projects.

Education:
Bachelor of Data Science, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad
2023 – Present
Relevant Courses: Data Structures, Database Systems, Statistics, Web Development, Data Analysis and Visualization
GPA: 3.3 / 4.0

Skills:
▪ **Programming:** Python, C++, Java, R, C#, Assembly
▪ **Web Development:** HTML, CSS, JavaScript, Bootstrap, .NET
▪ **Databases:** MySQL, SQL Server
▪ **Libraries & Frameworks:** TensorFlow, OpenCV, Mediapipe, YOLO, LSTM, Optical Flow
▪ **Tools:** Git, VS Code, Jupyter, Figma, Trello, R Studio
▪ **Soft Skills:** Teamwork, Communication, Problem-Solving
▪ **Languages:** English, Urdu

Experience / Internships:
ML Intern, AIM Lab — (Jun 2025 – Aug 2025)

- Developed a real-time violence detection system using OpenCV, TensorFlow, Mediapipe, YOLO, LSTM, and Optical Flow.
- Used a skeleton-based feature extraction approach for recognizing violent actions.

Machine Learning Intern, Code Generation Startup — (Jul 2025 – Aug 2025)

- Worked on neural network and deep learning projects.
- Helped design an automated reconciliation system using AI-based intelligent agents.

Projects / Research:
PixelWonders Desktop App (.NET & SQL) — (Spring 2025)

- Created a puzzle-game app using C#, allowing users to design and solve custom logic-based puzzles.
- Built a grid-based UI and local database in .NET focused on creativity and interaction.

Certifications:

- Neural Networks and Deep Learning — Coursera
- Google Data Analytics Certificate — Coursera

Achievements / Extracurricular Activities:

- 3rd Position — Matriculation Board (Overall)
- Winner — Toyota Art Council Design Competition
- 1st Prize — Predictive Modeling Competition (FAST, 2024)
- Volunteer — CrossAdders AI Education Program