**Izhan Nasir**

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**Career Objective / Profile**

Motivated and detail-oriented Data Science student at FAST-NUCES Islamabad (expected 2027) with practical experience in Python and C++ game development and web project leadership. Strong foundation in data analysis, database systems, and statistical reasoning; eager to apply analytical and programming skills to data-driven projects and internships.

**Education**

Bachelor of Science in Data Science, FAST-NUCES Islamabad — Expected Graduation: 2027

Current CGPA: 2.45 / 4.00

Relevant Courses: Object-Oriented Programming, Introduction to Data Science with Python, Database Systems, Probability and Statistics

**Skills**

Programming Languages: Python, C++

Technical Skills: Data Analysis & Visualization with Python, Object-Oriented Programming

Soft Skills: Team Leadership, Project Management

Tools: Git, VS Code, JupyterLab

Languages: English, Urdu

**Experience / Projects**

Team Lead — Student Wallet Manager (Team project, FAST-NUCES)
- Led a 3-member team to design and develop a web-based budgeting system for students.
- Built backend using C# and MongoDB; frontend with HTML, CSS, and JavaScript.
- Implemented expense tracking and budgeting features and coordinated development tasks.

Alien Invasion (Personal project — Python)
- Developed a 2D game featuring animated sprites, escalating difficulty, and sound effects.
- Implemented game loop, collision detection, scoring, and level progression.

Game of Life (Personal project — C++)
- Implemented Conway's Game of Life using object-oriented design and optimized grid update logic for performance.

**Achievements / Extracurricular Activities**

- Led multiple development projects as team lead at FAST-NUCES.
- Active participant in programming and data-related coursework and projects.