**Name:**

Wajeeha Khalid

**Contact Information:**

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**Career Objective / Profile:**

Motivated Data Science student skilled in C++, Python, and R. Passionate about machine learning, predictive modeling, and NLP. Seeking opportunities to apply analytical and problem-solving skills to contribute to innovative AI-driven solutions.

**Education:**

Bachelor of Science in Data Science, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad, Expected June 2027.Relevant Courses: Object-Oriented Programming, Data Structures, Machine Learning, Probability and Statistics, Computer Organization and Assembly Language.

CGPA: 3.0 / 4.00

**Skills:**

• Programming Languages: C++, Python, R, Assembly (8086), C#

• Data Science Tools: NumPy, Pandas, Scikit-learn, Matplotlib, Jupyter Notebook

• Technical Skills: Data Analysis, EDA, Data Preprocessing, OOP, DSA, LaTeX Documentation

• Analytical Skills: Linear Algebra, Calculus, Probability and Statistics

• Languages: English (Fluent), Urdu (Fluent)

**Experience / Internships:**

**Data Science Intern**, *Fauji Fertilizer Company (FFC)*, *June 2025-August 2025*

- Analyzed production and sales data using Python and SQL to identify efficiency patterns.

**Projects / Research:**

**Inflation Forecasting for USA (1981–2024), March 2025**

Conducted time series analysis using SVM, Random Forest, and ARIMA models to forecast inflation. Preprocessed annual economic data from BEA and Federal Reserve. SVM achieved the highest accuracy. Compiled findings into a formal LaTeX report.

**Network Packet Routing Simulator, March 2025**

Built a console-based simulator in C++ implementing Dijkstra's algorithm with custom priority and FIFO queues for dynamic routing. Modeled core networking components including routers, messages, and routing tables with file-based message parsing.

**Achievements & Certifications:**

• Felsted International Summer School Online Global Studies Course, June 2021

**References:**

Available upon request.