Name:

Rawiya Khalid

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Career Objective / Profile:

Motivated Data Science undergraduate eager to apply analytical and programming expertise in developing data-driven solutions. Committed to leveraging machine learning and statistical analysis to solve real-world challenges.

Education:

Bachelor of Science in Data Science, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad, August 2023 - present

Relevant Courses: Advance Statistics, Data Analysis and Visualization, Data warehousing and Business Intelligence

GPA: 3.04 / 4.00

Skills:

- Programming languages: Python, C++, HTML, CSS, JavaScript, MySQL
- Tools: Git, VS Code, Anaconda, Visual Studio
- Team Collaboration & Communication
- Languages: English, Urdu

Experience / Internships:

1. Lab Demonstrator – COAL , Fast National University of Computer and Emerging Sciences, Islamabad, August 2023 – present.
    - Guiding students in understanding core concepts and debugging code during lab hours.
    - Evaluating lab assignments and providing constructive feedback to improve student performance.

Projects / Research:

1. **Database-Driven Desktop Application** – May 2025

Developed a C# Windows Forms (.NET) application integrated with SQL Server for NASCON, FAST University's flagship 3-day national tech and entrepreneurship event. Designed and optimized database modules for event registration and management. (Database Systems Project)

2. **Better Health patient Portal** – May 2025

Created a healthcare management system using C# Windows Forms (.NET) and SQL Server to manage patient records, appointments, and medical histories efficiently. Focused on modular design and secure data handling. (Software Engineering Project)

3. **Forecasting Inflation Trends using Time Series Analysis** – May 2025

Analyzed inflation data using R to identify long-term trends and make future predictions. Applied ARIMA modeling and statistical visualization techniques to enhance forecasting accuracy. (Advanced Statistics Project)

Achievements / Extracurricular Activities:

- Dean's Honor List — fall 2024
- NaSCon, Data Science Events, Data Visualization, Officer – Spring 2025