

Name:

Dania Waseem

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Career Objective / Profile:

Aspiring Data Scientist with a strong foundation in statistics, data analysis, and Machine Learning/Deep Learning. Passionate about uncovering insights from data and contributing to impactful, data-driven solutions.

Education:

2023-2027 National University of Computer and Emerging Sciences, Islamabad - BS Data Science (GPA: 3.54/4.00)

2022-2023 SuperNova College, F-8/1, Islamabad - A Levels – Pre-Engineering

2021-2022 Longley Park Sixth Form, Sheffield, United Kingdom - AS Level – Pre-Engineering

2019-2021 SuperNova School, F-8/1, Islamabad- IGCSE (Sciences)

Skills:

- Programming, Databases & Web Development: Python, C++, C, R, C#, MySQL, MongoDB, HTML, CSS, Node.js
- Web Development: HTML, CSS, JavaScript, Node.js
- Tools: Git, VS Code, Figma, Canva, LaTeX
- Data Analysis and Visualization: Python Libraries, MS Excel, Tableau, Power BI
- Machine Learning & Statistics: Supervised/Unsupervised Learning, Regression Models, Hypothesis Testing
- Soft Skills: Leadership, teamwork, problem-solving, time management, communication, marketing & outreach
- Languages: English, Urdu

Experience / Internships:

1. Research Intern (Remote) | Omega Accountants Ltd, UK
June 2025 – August 2025
 - Researched fintech and cryptocurrency in the UK and Pakistan.
 - Contributed to UI/UX design and software-related tasks.
2. Research & Development Intern | AIMS Lab
June 2025 – August 2025
 - Conducted research in Machine Learning / Deep Learning on 1D/2D CNNs and multimodal architectures.
 - Explored audio-video fusion for event detection (83.3% accuracy).
 - Applied logistic regression for LLM evaluation and model comparison.
3. Teacher Assistant & Lab Demonstrator | National University of Computer and Emerging Sciences
Digital Logic and Design (Jan 2025 – Jul 2025), Discrete Structures (Aug 2025 – Present)
 - Assisted in coursework evaluation, lab guidance (Proteus & hardware testing), and academic support.

Projects / Research:

1. Football Highlights Detection (Python, DL): Developed an audio-video fusion model for automated highlight detection (83.3% accuracy) and conducted research on multimodal LLMs.
2. Inflation Forecasting (R): ARIMA, Ridge, Lasso, Elastic Net, predicted inflation in Pakistan for coming years
3. NASCON Event System (HTML, CSS, Node.js, MySQL)
4. Smart Traffic Simulator (C++): OOP-based traffic flow simulation
5. Orbit Mental Health App (C#): Desktop app for mental health support using Windows Forms

Achievements / Extracurricular Activities:

- Dean's Honor List — Fall 2024 (Silver Medal) & Spring 2025 (Gold Medal)
- Vice President, Wall of Hope (FAST Chapter) — April 2025–Present
- General Ambassador, Team Project Suicide (TPS), FAST University — Jan 2025–Present
- Member, FAST Computing Society (Operations Team) — 2024
- Volunteer Work — CDA Hospital (Feb–Apr 2025), Plantation Drive with OED Pakistan (June 2023)