

## Shaban Hassan

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## Career Objective

Motivated Data Science student with a keen interest in AI, data analytics, and software development. Seeking opportunities to apply technical expertise and problem-solving skills in challenging environments.

## Education

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

Expected Graduation: June 2026

Relevant Courses: Data Mining, Artificial Intelligence

## Skills

- Python
- Deep Learning
- SQL
- Machine Learning and Data Mining
- Statistical Modelling
- Data Visualization (Tableau, Power BI)
- HTML, CSS, JavaScript
- Digital Image Processing

## Experience / Internships

**Teaching Assistant**, FAST-NUCES, Islamabad

August 2024 – June 2025

- Assisted in teaching two Data Science courses (Statistics and Advanced Statistical Modeling).
- Guided students in Python and R, graded assignments/quizzes, and conducted project viva sessions.

**Electricity Load Forecasting System (Data Mining Project)**, FAST-NUCES, Islamabad

May 2025

- Developed a Flask web app using Linear Regression and Random Forest, improving prediction accuracy by 85%.
- Utilized Python (Pandas, NumPy, Scikit-learn) for data processing and clustering (K-means, DBSCAN).
- Created visualizations using Matplotlib and Seaborn.

## Achievements / Extracurricular Activities

- Participated in *Battle of Batches* cricket tournament.
- Member, FAST Community Services.
- Member, donation team at Raah-e-Haq charity organization.