Zain Shahid

Contact Information:
Email: i232582@isb.nu.edu.pk
Phone: 0325-5317143
LinkedIn: linkedin.com/in/zainshahid-ds
Address: House 123, Street 4, Block E, Satellite Town, Rawalpindi, Pakistan

Career Objective:
A proactive and detail-oriented Data Science undergraduate with a strong foundation in machine learning, statistical analysis, and software development. Eager to apply skills in Python, R, and AI to solve complex problems and contribute to innovative data-driven solutions in a challenging technical environment.

Education:
Bachelor of Science in Data Science National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad Expected Graduation: June 2027 Relevant Courses: Data Structures, Introduction to Data Science, Advanced Statistics, Database Systems, Data Analysis and Visualization

Skills
- Programming Languages: Python, R, C++, C#, SQL, Assembly Language
- Data Science & ML: Pandas, NumPy, Matplotlib, Scikit-learn, NLTK
- Web & Database: Node.js, Flask, MySQL
- Developer Tools: Git, VS Code, Jupiter Notebook
- Technical Skills: Machine Learning, Artificial Intelligence, Data Analysis and Visualization
- Soft Skills: Content Writing, Digital Marketing, Team Collaboration
- Languages: English, Urdu

Experience / Internships:
- AI/Machine learning intern, AI GenMart, Islamabad
  June 2025 – August 2025
    - Developed a Convolutional Neural Network (CNN) model for feature extraction and classification of Diabetic Retinopathy from medical images. Achieved 80% accuracy in classification.
    - Engineered and validated a machine learning model to predict loan default risk, improving the accuracy of financial risk assessment.

Projects:
- Conducted a comprehensive analysis of global inflation trends using R, employing statistical modeling and data visualization to identify key economic patterns and correlations across different countries.
- Built a sentiment analysis tool using Python, Pandas, and NLTK to classify text data. The project involved data preprocessing, feature engineering, and model training to accurately predict sentiment.
- Designed and deployed a full-stack web application for event creation, registration, and management. Developed a RESTful API using Node.js and Express.js and designed a relational database schema in MySQL to handle user data, event details, and attendee information
- Engineered a content-based recommendation system using Python and the MovieLens dataset. Leveraged Pandas for data wrangling and Scikit-learn to implement cosine similarity, generating personalized movie suggestions based on user ratings and genres.
- Created a desktop task management application using C# and Windows Forms with a focus on intuitive UI/UX design, offline data storage, and efficient task organization.

Achievements & Extracurriculars
- Completed Community Engagement Project at Pehli Kiran (April 2025)
- Certified in Digital Marketing from Digiskills.pk (September 2023)
- Winner, International Kangaroo Linguistic Contest (IKLC) in Essay Writing (September 2021)
- Participant, Space Technology Workshop, Institute of Space Technology (May 2018)

References:
Available upon request.