Syed Arbaz Ali Rizvi

Nationality: Pakistani   **Place of birth:** Layyah   **Gender:** Male

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📍 **Home:** (Pakistan)

ABOUT ME

Computer Science graduate with a 3.41/4.00 GPA and a solid background in Data Analytics, Machine Learning, and Artificial Intelligence. Created *Kids Guard*, an ML-based digital safety system, demonstrating hands-on experience in model development, evaluation, and deployment.
Certified through the Stanford/DeepLearning.AI Machine Learning Specialization, with practical skills in PyTorch, Scikit-learn, and Hugging Face. Aiming to enhance research and technical skills through a Data Science or AI program.

EDUCATION AND TRAINING

BS Computer Science

Government College University Faisalabad (GCUF) [30/09/2020 – 09/09/2024]

Country: Pakistan | **Website:** https://gcuf.edu.pk/ | **Field(s) of study:** Computer Science | **Final grade:** 3.41 / 4.0 (1.9 in German grading system) | **Level in EQF:** EQF level 6

The major modules I studied during this degree are:
Key Courses:
- Linear Algebra
- Database Systems
- Artificial Intelligence
- Data Structure & Algorithms
- Fundamentals of Data Mining
- Object-Oriented Programming
- Calculus & Analytical Geometry
- Design & Analysis of Algorithms

12th Certificate

GOVT. POST GRADUATE COLLEGE, LAYYAH [22/09/2018 – 22/09/2020]

City: Layyah | **Country:** Pakistan | **Field(s) of study:** Computer Science

10th Certificate

GOVT. M.C HIGH SCHOOL, LAYYAH [21/07/2016 – 21/07/2018]

City: Layyah | **Country:** Pakistan | **Field(s) of study:** Computer Science

PROGRAMMING SKILLS

Languages

- **Databases:** Database Systems (SQL)
- **Web Technologies:** HTML, CSS, JavaScript
- **AI/ML Libraries:** PyTorch , Scikit-learn , Hugging Face
- **Programming Languages:** Python , Java , C++ , C# , PHP

PROJECTS

Kids Guard Application (FYP)
- Full-stack development of a child safety AI application, handling the entire project lifecycle from concept to deployment.
- Developed and trained a Deep Learning model for real-time text analysis, effectively detecting cyberbullying and inappropriate content.
- Applied advanced computer vision techniques for reliable human tracking, mastering pose estimation to overcome challenges like occlusion and unpredictable motion.

CERTIFICATIONS

Professional Certifications & Training
- Elements of AI
- Data Science 101
- Advanced Learning Algorithms
- Python for Data Science, AI & Development
- HTML, CSS, and JavaScript for Web Developers
- Machine Learning with Scikit-learn, PyTorch & Hugging Face
- Supervised Machine Learning: Regression and Classification
- Unsupervised Learning, Recommenders, Reinforcement Learning

Mode of learning: Online

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

COMMUNICATION AND INTERPERSONAL SKILLS

Soft Skills

- Adaptability
- Problem-Solving
- Attention to Detail
- Time Management
- Effective Communication

RECOMMENDATIONS

References available upon request.