

Abdur Rehman

✉ rehmanabdur643@gmail.com | 📞 +92 311 7796355
🌐 github.com/Abdur-Rehman-643 | 🔗 linkedin.com/in/abdur-rehman-0a3186278

EDUCATION

University of Engineering & Technology Lahore, Punjab
Bachelor of Science in Computer Science

Nov 2021 – May 2025
CGPA: 3.8/4.0

Punjab Group of Colleges, Lahore, Punjab
Intermediate in Computer Science

Aug 2019 – Feb 2021
94.36% (1038 / 1100)

PROJECTS

- **Final Year Project: FruitMate - Smart Market Assistant System:** Designed and implemented a system for automated fruit/vegetable identification, real-time weighing, pricing, and smart receipt generation, aimed at improving efficiency and customer experience in traditional markets. *Computer Vision, IoT Sensors, Load Cell, Arduino*
- **Urdu Text Summarization Model:** Fine-tuned google/mt5-small model on XL-Sum Urdu dataset for text summarization. *PyTorch, XL-Sum Urdu Dataset*
- **Student Alumni System:** Developed a system for managing alumni records using C#, ASP.NET, and WPF. Integrated SQL database for data management. *C#, ASP.NET, WPF, SQL*
- **Inventory Management System:** Developed an inventory management system using C# and Windows Forms. Optimized stock levels and management processes. *C#, Windows Forms, SQL*
- **Operating System Simulation:** Developed an OS simulator demonstrating multitasking and resource management, implemented in C++ on Linux environment. *Linux, C++*

EXPERIENCE

NETSOL TECHNOLOGIES, Lahore, Punjab

Aug 2024 - Sep 2024

Data Science Intern

- Gained exposure to advanced AI and machine learning concepts, including supervised and unsupervised learning, Bayesian decision theory, logistic regression, decision trees, perceptrons, neural networks, SVM, CNNs, RNNs, LSTMs, and GANs.
- Strengthened my knowledge of AI models and their practical applications through hands-on study and guidance.
- Technologies: Python, TensorFlow, Scikit-learn, NumPy, Pandas, Matplotlib

TIERS LIMITED

Jun 2024 - Aug 2024

MERN Stack Intern

- Involved in developing and maintaining web applications using the MERN stack (MongoDB, Express.js, React, Node.js).
- Contributed to coding, debugging, and enhancing project features and performance in full-stack applications.
- Gained practical experience with modern web technologies and collaborative development workflows.
- Technologies: MongoDB, Express.js, React, Node.js, JavaScript, HTML, CSS, Git

SKILLS

Languages: C++, Java, Python, JavaScript, C#

Web & Application Development: MERN Stack (MongoDB, Express.js, React, Node.js), ASP.NET, WPF, Windows Forms

AI / Data Science: Python (NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow)

Databases: MySQL, SQL Server

Cloud & DevOps: Basic understanding of Cloud Computing (AWS), Docker, Kubernetes

Tools & Others: Git, Linux, LaTeX

AWARDS AND CERTIFICATES

- **Internship Certificates:** Data Science Intern at NETSOL Technologies (Aug 2024 – Sep 2024), MERN Stack Intern at TIERS Limited (Jun 2024 – Aug 2024)
- **Coursera Certificates:** Natural Language Processing in TensorFlow, Convolutional Neural Networks in TensorFlow, Introduction to TensorFlow for AI/ML/DL
- **HackerRank Certifications:** Basic Python Programming, Basic Problem-Solving, SQL (Basics, Intermediate, Advanced)
- **Microsoft:** AI Skills Challenge, Advanced Proficiency in Microsoft Office Word 2016