



MUHAMMAD SHAHZAD ARSHAD

M.Sc. Computer Science

COMSATS University Islamabad

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Address: Kotla Essan Tehsil & District Rajanpur

TECHNICAL SKILLS

Programming Languages:	C/C++, Java, Python, C#.Net, SQL.
Databases:	MySQL, SQL Server, Oracle 11g Enterprise.
Development Tools:	Dev-C++, NetBeans, BlueJ, CodeBlocks, VS Code, Visual Studio 2013 & 2015, MATLAB, Jupyter Notebook, XAMPP Server, Cisco Packet Tracer.
Microsoft Office:	MS Word, MS Power-point, MS Excel, MS Visio.

WORK EXPERIENCE

Lecturer Computer Science	Jan 2022 – till date
Quaid e Azam College, Rajan Pur.	
- Design and update course materials, including notes, assignments, and mid-exams. - Deliver theory lectures and conduct lab sessions on programming fundamentals, object-oriented programming, data structures, algorithms, and database management systems courses. - Evaluate students' performance through assignments, quizzes, mid-exams, projects, and class participation. - Continuously update knowledge and skills through ongoing education, attending workshops, and participating in professional organizations.	
Lecturer Computer Science	Mar 2019 – Dec 2021
Ayesha Siddiqi Post Graduate College, Rajan Pur.	
- Design and update course materials, including notes, assignments, and mid-exams. - Mentored students in using HTML, CSS, and basic programming concepts. - Provided guidance and support to students in the use of web-based tools.	

EDUCATION

Master's in Computer Science (MCS)	Feb 2017 - Mar 2019
COMSATS University Islamabad	
CGPA: 3.30/4	
Relevant Coursework: Programming Fundamentals, Object Oriented Programming, Database Management System, Discrete Math's, Data Structures and Algorithms, Operating Systems, Computer Networks, Automata Theory, Compiler Construction, Software Engineering, Software Project Management, Computer Organization & Assembly Language, Computer Architecture, Advanced OOP.	
B.Sc. Computer Science	Oct 2013 - Aug 2015
Bahauddin Zakariya University Multan	
Percentage: 69.25%	
Relevant Coursework: Introduction to Computing, Programming Fundamentals, Database Management System, Statistics, Data Structures and Algorithms, Operating Systems, Visual C#, System Analysis & Design.	

AWARDS & SCHOLARSHIPS

- Punjab Educational Endowment Fund (PEEF) 100% fully funded merit-based scholarship from COMSATS University, Islamabad, for the two years of my Master's degree.
- Received a laptop from the Higher Education Commission (HEC), Pakistan, based on securing the highest 3.52 GPA in the first semester of my master's degree.

CERTIFICATES

- Python Essentials I Course (Cisco Networking Academy).
- Introduction to Machine Learning (Coursera).
- Machine Learning with Python (Coursera).

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RESEARCH INTERESTS

- Machine Learning
- Deep Learning
- Computer Vision
- Image Processing
- Algorithms
- Data Science

LANGUAGE PROFICIENCY

- English
- Urdu
- Punjabi (Native)