Muhammad Umer Ghani

PERSONAL INFORMATION

📍 House #52 C Chenab Garden Samundri Road Faisalabad

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✉ umerghani92@gmail.com

Gender-Male| Date of birth-04-09-1992| Nationality-Pakistan

Objectives

Highly energetic and committed professional teacher with strong academic background and practical experience in modern and innovative teaching techniques seeks to provide top-quality knowledge to students. An organized professional teacher with strong subject knowledge, classroom management skills, and practical experience seeks to provide high-level teaching lessons to students.

Work Experience

2024 - Continue

Lecturer
National University of Modern Languages, Faisalabad, Punjab, Pakistan

Delivering different computer subject lectures to groups of students and using advanced teaching techniques to inspire and motivate them for higher level qualifications and then employment.

**2021 - 2024
(3 Years)**

Lecturer
Riphah International University, Faisalabad, Punjab, Pakistan

Delivering different computer subject lectures to groups of students and using advanced teaching techniques to inspire and motivate them for higher level qualifications and then employment.

**2019-2020
(2 Years)**

Teacher Assistant in the Department of Software Engineering
Government College University, Faisalabad, Punjab, Pakistan

Delivering different computer subject lectures to groups of students and using advanced teaching techniques to inspire and motivate them for higher level qualifications and then employment.
Also involved in recruiting and interviewing potential new students. Responsible for organizing open evenings and giving demonstrations to students.

**2017-2018
(1 Year)**

Lecturer Computer Science
Fatima Jinnah College Nia Lahore, Faisalabad, Punjab, Pakistan

Teaches different computer science subjects to students

**2015-2016
(1 Year)**

Computer Science Teacher
The Knowledge School Kalaswala Campus Pasrur, Punjab, Pakistan

Teach computer subjects to high-class students.

EDUCATION AND TRAINING

2023-Continue

PhD in Computer Science and Technology
Southwest Jiao tong University, China

**2017-2019
(2 years)**

Master in Software Engineering by 1-Year Research
Government College University, Faisalabad Pakistan

Program Description: I am MS student with the research interest in Re-engineering implementation with advanced applications of Artificial intelligence(AI) and recognition devices based on iris, faces, finger print recongnition".Subjects focused on Stock Market Prediction Using Machine Learning Algorithms, Research Methodologies, Intelligence system, Machine learning.

Supervisor: Prof Dr. M Awais

**2011-2015
(4 years)**

Bachelor in Software Engineering

University of Management and Technology Lahore Pakistan

Program Description: During my BS degree I mainly focused on web programming, software programming with .net (VB, C#, ASP), C/C++, Database. Project development done with several web and software projects.

Final Year Project (FYP): I developed PTCL-OMS-System using ASP.NET, C#.NET with the advanced application of AI as Face-recognition based attendance system and secured A+ Grade.

Supervisor: Mr.Abu Bhakar Siddique

**2008-2010
(2 years)**

FSC (Pre-Engineering)

BISE Faisalabad

Studies focused in engineering subjects such as Mathematics, Physics and Chemistry. Learned basic concepts and applied these concepts to practical issues.

**2006-2008
(2 years)**

Matric (Science)

BISE Faisalabad

Studies focused in subjects such as Mathematics, Physics and Chemistry and Computer Science Learned basic concepts and applied these concepts to practical issues.

RESEARCH PUBLICATIONS

Muhammad Umer Ghani "Stock Market prediction using machine learning algorithms", ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal Regular Issue, Vol. 8 N. 4 (2019), 97-116 eISSN: 2255- 2863 DOI: http://dx.doi.org/10.14201/ADCAIJ20198497116

Muhammad Umer Ghani, Muhammad Awais,. "**Applied Artificial Intelligence in 3D-game (HYSTERIA) using UNREAL ENGINE4**" International Journal of Advanced Computer Science and Applications (IJACSA), 9(9), 2018. http://dx.doi.org/10.14569/IJACSA.2018.090942, INDEXED(THOMSON ROUTER MJL)

Language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Urdu :Mother language	A	A	A	A	A
English: Fluent	B1/B2	C1/C2	B1/B2	C1/C2	C1/C2

PROFESSIONAL PROJECTS

1 **PTCL Organization Management System**

It was a web-based project developed using ASP.NET and C# Inn this project I implemented AI, as employee attendance was managed by thumb recognition. Employee payment management system was managed by Crystal reporting with monthly salary slips generation. The whole system was managed by admin login with email management present in the user/admin portal. After login users canchat, update their profile and send mail to the admin for any query. Attendance reporting was also present in their portal.

2 **Readers Childcare Safety System**

This project was developed for an NGO organization. Where employees registered and students from different schools got registered on employee visits. The main purpose was the care of abnormal students. Several types of cure methods and the improvements were saved in a database, After checkingabnormality specific exercises were
Suggested by our Expert Database.

Communication skills

Good communication skills gained through my experience as a lecturer at the university.
There was a great experience when several projects did after several visits by different organizations for the requirements calculations.

Organizational/ managerial skills

Leadership (currently responsible for a team of 10 people when our software development team with different types of people as requirement analysts, designers, developers, programmers, etc.)
During mylectureship in university, I managed whole students as a team member, as the result, there was a free Atmosphere of discussion as well as programming-related tasks and most students learned web and software development easily in this open environment.

Research-related skills

Good command of exploring others' research and finalizing the findings according to my needs.
Good command of employee management as college principal experience

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Independent user	Basic user	Proficient user

Good command of the office suite (word processor, spreadsheet, presentation software)
Good command of photo editing software gained as an amateur photographer
Good command of graphic designing (photo editing, video editing, audio video mixing) tools Adobe Photoshop 6.0, Movie maker 7.0
YouTube channel handling, blogger website management with WIX and Word Press

References

1. Name: Dr. M Awais (PHD From Germany in Robotics)
   Position: Associate Professor(Coordinator in department of software engineering)
   Organization: Govt.College University, Faisalabad(Pakistan)
   Email: muhammadawais@gcuf.edu.pk

2. Name: Dr.Khurram Zeeshan Haider (PHD From UET Taxila)
   Position: Assistant Professor
   Organization: Govt. College University, Faisalabad(Pakistan)
   Email: khurram.zeeshan@gcuf.edu.pk