

Tehmeema Irfan

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Employment History

- Sep 2024 – ... **National University of Modern Languages, ISB, Pakistan**
As a Visiting Lecturer in the Computer Science department at my current institution, I teach courses in the field of computer science.
- Feb, 2024 – July, 2024 **Federal Urdu University of Arts, Science and Technology, ISB, Pakistan**
As a lecturer specializing in Computer Science, I taught various related courses to BSSE, including Object Oriented Programming, Digital and Logic Design.
- Feb, 2022 – March 2022 **F.G Degree College for Women, Rwp, Pakistan**
As a lecturer specializing in computer Science, I taught various related courses at Intermediary Level of Education, I also remained in charge of all Lab tasks in the College.
- 2021 – 2023 **Iqra College of Sciences, Rwp, Pakistan**
As a lecturer specializing in Compute Science, I taught various related courses at Intermediary and Secondary Level of Education, I also remained in charge of all Lab tasks in the College.
- 2020 – Conti... **As a part time work, I work as a freelancer.**

Education

- 2021 – 2023 **MS Computer Science**
National University of Modern Languages, ISB, Pakistan.
Major: *Artificial Intelligence.*
- 2019 – 2021 **Masters in Computer Science**
National University of Modern Languages, ISB, Pakistan.
- 2017 – 2019 **Bachelors in Computer Science**
Federal Gov. College for Women Rwp, affiliated with
The University of the Punjab, Lhr, Pakistan.
- 2015 – 2017 **Intermediate in Computer Science**
Garrison Post Graduate College for Women 52-Tufail Road Lahore, affiliated with
Federal Board of Intermediate and Secondary Education, ISB, Pakistan.
- 2013 – 2015 **Secondary School Certificate**
Army Public School for Girls, 52-Tufail Road Lahore, affiliated with
Federal Board of Intermediate and Secondary Education, ISB, Pakistan.

Medium of Instruction: English throughout all levels of education.

Research Projects

- Project 1  **Prediction of Most Sold Products during COVID-19**
During COVID-19 Pandemic the price of some selling products was gradually increased and decreased. To analyze and predict the most sold products during COVID-19 Pandemic a Desktop Application was developed using Machine Learning Algorithms. I completed this project under the supervision of Astt. Prof. Mr. Naveed Alam for the award of my Degree (MCS Masters in Computer Science).
- Project 2  **A Text-to-Gesture generation Model based on a Hybrid Deep Learning Approach**
The research focused on developing an improved text-to-gesture generation method using a hybrid deep learning approach. The aim was to generate human-like robotic gestures from natural language input, enhancing human-robot interaction through more expressive and contextually appropriate non-verbal communication. I completed this research under the supervision of Astt. Prof. Dr. Moeenuddin Tariq for the award of my Degree (MS Computer Sciences).

Research Interests

-  Artificial Intelligence, Machine Learning.
-  Algorithmic Recourse, Deep Learning.
-  Computer Networks and Architecture.

Computer Skills

- Coding  C++, Python, Java
- Web Dev  HTML, CSS, JavaScript
- Misc.  Academic research, teaching

Miscellaneous Experience

Awards, Achievements, and Fellowships

- 2022  **Anthology Co-Authorship**, I was awarded with the co-Authorship in 48th Anthology by TWS Publications. This Anthology includes my own written poems and a story written by me which I wrote after I got inspired by advancements in Artificial Intelligence.

References

Dr. Moeenuddin Tariq

Assistant Professor
Department of Computer Sciences
National University of Modern Languages,
Islamabad, Pakistan.
 Dr. Moeenuddin Tariq

Faheem Ahmed Sabri

Assistant Professor
Department of Urdu, Gov. Gardon College, Rwp,
Pakistan.
 Faheem Ahmed