

HUMA TABASSUM

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ACADEMIC PROFILE

- Currently enrolled in Doctor of Philosophy (PhD) in Computer Science.
- Master of Science (MS) by Research work in Computer Science.
- Bachelor of Engineering (BE) in Computer & Information Systems Engineering.

RESEARCH AND TEACHING INTERESTS

- Learning Analytics
- Logic Design
- Natural Language Processing
- Information Management
- Algorithms
- Operating Systems

PUBLICATIONS

- “A Hybrid Approach to Measure Students’ Satisfaction on YouTube Educational Videos” published in International Journal of Emerging Technologies in Learning in May 2023.
- “Analysis of Learners’ Sentiments on MOOC Forums using Natural Language Processing Techniques” at 3rd International Conference on Innovations in Computer Science & Software Engineering (ICONICS’22), Karachi, Pakistan.
- “An Ontology-based Approach for Analyzing Emotions in Software Developers’ Mailing Lists” published in Special Edition of Bahria University Journal of Information and Communication Technologies (BUJICT) in 2018.
- “HEPO: The Hepatitis Ontology for Abductive Medical Diagnostic Systems” at IEEE International Conference on Communication, Computing and Digital Systems (CCODE-2017), Islamabad, Pakistan.
- “EmotiOn: An Ontology for Emotion Analysis” presented at the 1st National Conference on Emerging Trends and Innovations in Computing and Technology (NACTICT’16), 2016, Karachi, Pakistan.
- “Survey on Awareness of Privacy Issues in Ubiquitous Environment” published in January 2015 issue of International Journal of Computer Science & Information Security (IJCSIS).

WORK EXPERIENCE

- Currently working as Lecturer at Computer Science & IT Department at NED University of Engineering & Technology and teaching at both undergraduate and graduate level.
- Worked as Lecturer and then as Senior Lecturer at Computer and Software Engineering Department and at Computer Engineering Department respectively at Bahria University Karachi for four years.
- Taught as Visiting Faculty at Computer Science Department at Bahria University Karachi for one year.
- Worked with M/s AP Engineers as IT Engineer for four years.