



HINA ZAFAR

Education/Qualification

- **PHD Scholar**
The university of Faisalabad.
- **MS-CS (2018-2020)**
RIPHAH International University, Faisalabad.
- **MCS (2014-2017)**
Virtual University, Pakistan.

Professional Experience

- Lecturer of Computer Science, Department of CS, The University of Faisalabad, Faisalabad. (14-Nov-2022 to 25-AUG-2024)
- Lecturer of Computer Science, Department of CS/IT, Govt. Post Graduate College Samanabad, Faisalabad. (1ST-OCT-2017 to 31-AUG-2020)
- Lecturer of Computer Science, COTHM, Faisalabad. (Sept-2017 to Aug-2018.)

Academic Research (Published)

Book Chapter

- Iqbal, A., Hussain, M., Zafar, H., & Anwar, M. (2024). Limitations and challenges of language models in research. In M. Y. A. Qureshi & H. Y. Jeon (Eds.), Next-Generation AI Language Models in Research: Promising Perspectives and Valid Concerns (pp. [page numbers]). Routledge. <https://www.routledge.com/Next-Generation-AI-Language-Models-in-Research-Promising-Perspectives-and-Valid-Concerns/Qureshi-Jeon/p/book/9781032667935>

Research Publications

- Zafar, H., Shabbir, U., & Muntaha, S. (2019). **ARTIFICIAL NEURAL NETWORK BASED APPROACH FOR COMMERCIAL DETECTION**. International Journal on Information Technologies & Security, 11(2).
- Arqam, M., Hussain, M., Zafar, H., Iqbal, A., & Liaqat, M. (2023, October). Natural Language Processing for Diagnosis and Risk Assessment of Cardiovascular Disease. In 2023 International Conference on IT and Industrial Technologies (ICIT) (pp. 1-6). IEEE.
- Fareed, A., Hussain, M., Zafar, H., Iqbal, A., Sarwar, M. A., & Naeem, M. (2023, October). SDNEnabled Context-Aware IoT Framework for Energy and Resource Management in Smart Buildings. In 2023 International Conference on IT and Industrial Technologies (ICIT) (pp. 1-8). IEEE.

Abstract and Poster Publications

- Abstract-publication:<https://steam.tuf.edu.pk/front/publication/icase-2023-abstracts-e-book1704883339.pdf>
- Poster-Publication:<https://steam.tuf.edu.pk/front/publication/icase-2023-posters-e-book1704883400.pdf>

Current Academic Research Activities

- Patent writing practice for my thesis research "An effective quantum based key distribution scheme using BB84 protocol in classical environment"
- Deep learning applications for Medical image processing. □ Research on Cardio Vascular disease classification.

Invited Presentations / Seminars and Workshops

Seminar on Generative AI

Department of Computer Science, Baba Guru Nanak University, Location (if applicable), Date July 4,2024. Served as Invited speaker discussing the advancements and implications of Generative AI in machine learning and its applications.

External Judge for Project Poster Exhibition 2024 and PBL Projects

I am a PhD scholar in Computer Science currently working as a lecturer in the Computer Science department at TUF. I have more than 5 years of experience teaching Computer Science subjects offered in BS degree program at various colleges. Alongside this, I have expertise in supervising FYP students and guiding MS students in their research. Training in outcome based learning, capacity building, and proposal writing has further enhanced my skills. I am confidently working in my institution as a faculty member, but I seek to utilize my skills and experience for better opportunities. Hence, I am applying for this job because I found this to be a good opportunity considering my skill set and experience.

Personal Information

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42-y-12 Madina town, Faisalabad.

Current Job Status:

Lecturer of Computer Sciences, NUML
Faisalabad.

Google Scholar ID:

<https://scholar.google.com/citations?user=vKR9yzcAAAAJ&hl=en>

ORCID: <https://orcid.org/0009-0006-8810-5158>

Invited by Superior University, Faisalabad Campus, August 7, 2024. Served as an external judge to evaluate Project-Based Learning (PBL) projects presented by students at the Project Poster Exhibition.

Technical Skills & trainings

- Knowledge about **Quantum cryptography, Data Sciences, AI, ML, DL, Data Structures and Algorithm and Object-oriented Programming.**
- **Capacity building training, outcome based learning, proposal writing for research grants**

References

- *Dr. Ijaz Ali Shoukat (Principal of Computing)*
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- *Dr. Umer Iqbal (Assistant Professor)*
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- *Muhammad Ahmad Nawaz Ul Ghani (PhD Scholar UESTC, China)*
Lecturer at Department of Computer Science, Riphah international university, Pakistan.
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