

# Tajmir khan

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## ● ABOUT ME

As an NLP researcher, I have a solid track record with publications in reputable journals and significant teaching experience. I recently joined the Federal University of Arts, Sciences & Technology Islamabad as a Lecturer. My strong coding skills are highlighted in my GitHub repository, and I also have experience in blogging about object-oriented programming (OOP). Additionally, I have participated in international hackathons and have recently started the "LeetCode 75" module. I am eager to continue my research and contribute to my field.

## ● EDUCATION AND TRAINING

08/2019 – 19/04/2022 Islamabad, Pakistan

**M.PHIL COMPUTER SCIENCE** Quaid-i-Azam University, Islamabad

**Address** 45320, Islamabad, Pakistan | **Website** <https://qau.edu.pk/> | **Field of study** Computer Science | **Final grade** 3.42/4 |

**Thesis** Multimedia Vertical Web Search Query Modification Framework using Relevance Feedback Approach

01/11/2015 – 20/03/2018 Nowshera, Pakistan

**BSCS (BSC 2 YEARS+ MCS 2 YEARS) COMPUTER SCIENCE** Northern University

**Address** 24110, Nowshera, Pakistan | **Website** <http://www.northern.edu.pk/> | **Field of study** Computer Science |

**Final grade** 3.45/4 | **Thesis** Tailor Management System (Android App)

## ● WORK EXPERIENCE

01/10/2024 – CURRENT Islamabad, Pakistan

**LECTURER** FEDERAL URDU UNIVERSITY OF ARTS, SCIENCES & TECHNOLOGY, ISLAMABAD

I am teaching Data Structures and Algorithms (DSA) and ICT to BS3's different sections. I focus on delivering lectures, developing course materials, assessing student performance, engaging in research, and participating in departmental meetings.

01/01/2024 – 09/2024 Islamabad, Pakistan

**LAB INSTRUCTOR OF OBJECT-ORIENTED PROGRAMMING (OOP)** QUAID-I-AZAM UNIVERSITY

- Taught Object-Oriented Programming (OOP) lab sessions to a class of 50 BSCS students.
- Implemented and demonstrated OOP concepts through practical exercises using Visual Studio.
- Evaluate the students using tasks, correct their errors, and provide feedback to enhance learning.

30/09/2017 – 29/08/2019 Peshawar, Pakistan

**APPLICATION DEVELOPER** LEAP APP SOLUTION

I worked as an Android developer.

## ● PUBLICATIONS

2024

[End-to-end pseudo relevance feedback based vertical web search queries recommendation approach](#)

Journal: Multimedia Tools and Applications - Springer;  
**Impact Factor 3.6**

Tajmir Khan 1, Umer Rashid\* 2, Abdur Rehman Khan 3

**Link** <https://github.com/Tajmirkhan515/Queries-Recommendation>

2024

**End-to-end pseudo relevance feedback-based vertical web search queries recommendation Software**

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Journal: [SoftwareX](#) - Elsevier 2024;

**Impact Factor 4**

Tajmir Khan 1, Umer Rashid\* 2, Abdur Rehman Khan 3, Naveed Ahmad 4, Mohammed Ali Alshara 5

**Link** <https://www.sciencedirect.com/science/article/pii/S2352711024002425?via%3Dihub>

2024

**Faceted Aggregated Multimedia Search Results Exploration Framework [Under Evaluation]**

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Abdur Rehman Khan, Tajmir khan, Umer Rashid

## ● **INTERNATIONAL HACKATHONS**

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19/07/2024 – 21/07/2024

**llama-3-hackathon**

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Recently submitted a complete project (VisisonAI) app developed using Python and Django. In this project, I worked as an AI/ML engineer and was responsible for integrating the entire application. Similarly, uploaded my GitHub repository.

**Links** <https://lablab.ai/event/llama-3-ai-hackathon/algorithm-chemist/vision-assist-ai> | <https://lablab.ai/u/@tajmirkhan515923/cm0fh47v0008ve7ih12mw6dxf>

26/07/2024 – CURRENT

**Falcon Hackathon**

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Actively engaged in the Falcon international hackathon, focusing on AI/ML and learning Streamlit. Additionally, I am leading the project and overseeing its development.

## ● **DIGITAL SKILLS**

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python | c++ | Android Developement (Android Studio, Java) | SQL (MySQL) | machine learning | Natural Language Processing (NLP) | java

## ● **RECOMMENDATIONS**

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**Dr. Umer Rashid** Supervisor

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Dr. Umer Rashid is an Assistant Professor at the School of Computer Science at the Quaid-i-Azam University, Islamabad, Pakistan. His research interest is in Multimedia Information retrieval.

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**Dr. Onaiza Maqbool** Teacher

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Dr. Onaiza Maqbool is an Associate Professor at the School of Computer Science at the Quaid-i-Azam University, Islamabad, Pakistan. His research Software (Re)Engineering.

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**Dr. Rabeeh Ayaz Abbasi** Head of the Department

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Dr. Rabeeh Ayaz Abbasi is an Associate Professor at the School of Computer Science at the Quaid-i-Azam University, Islamabad, Pakistan. His research Social Network Analysis.

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