Tajmir khan

Date of birth: 03/02/1994 | **Nationality:** Pakistani | **Phone number:** (+92) 3085299701 (Mobile) | **Email address:**

tajmirkhan515@gmail.com | **LinkedIn:** www.linkedin.com/in/tajmir-khan-a60a6b174 | **Github:**

https://github.com/Tajmirkhan515/ | **Portfolio:** https://tajmirkhan515.github.io/ |

Address: 23370, Rustam, Pakistan (Home)

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

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

2025
User-Focused faceted Aggregated Exploratory Multimedia Search Results Framework [Submitted]

Journal: **International Journal of Multimedia Information Retrieval - Springer**

Impact Factor 3.6

Abdur Rehman Khan, Tajmir khan, Umer Rashid

INTERNATIONAL HACKATHONS

01/11/2024 – 04/11/2024
Aria & Allegro Multimodal Hackathon

An AI-powered application utilizing Aria and Allegro models to generate high-quality answers and videos from text prompts. Developed with Python and Django, it offers features like step-by-step guidance, and seamless multimodal content creation. Available on GitHub for collaboration and customization.

Link https://lablab.ai/u/@tajmirkhan515923/cm5mglz7h006lrkvgprd7cbgz

19/07/2024 – 21/07/2024
llama-3-hackathon

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-alchemist/vision-assist-ai | https://lablab.ai/u/@tajmirkhan515923/cm0fh47v0008ve7ih12mw6dxf

26/07/2024 – CURRENT
Falcon Hackathon

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

18/10/2024 – 20/10/2024
Edge Runners 3.2, Competition

participated in the Edge Runner Hackathon, focusing on AI/ML technologies.

DIGITAL SKILLS

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

RECOMMENDATIONS

Dr. Umer Rashid Supervisor

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

Email umerrashid@qau.edu.pk | **Phone** (+92) 5190642012

Link http://cs.qau.edu.pk/profiles/umer.htm

Dr. Onaiza Maqbool Teacher

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.

Email onaiza@qau.edu.pk | **Phone** (+92) 5190642060

Link http://cs.qau.edu.pk/profiles/onaiza.htm

Dr. Rabeeh Ayaz Abbasi Head of the Department

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.

Email rabbasi@qau.edu.pk | **Phone** (+92) 5190642050

Link http://cs.qau.edu.pk/profiles/rabeeh.htm