

Mudassir Khalil | Ph.D. in Computer Science & Engineering

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Assistant Professor, BZU Multan

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DOB: 24 August 1988



Education

PhD in Computer Science and Engineering

University of Electronic Science and Technology

Specialized in Big Data Analytics

2014–2018

Chengdu, China

Masters in Computer Engineering

University of Engineering and Technology

Specialized in Artificial Intelligence

2010–2013

Lahore, Pakistan

B.Sc. (Engineering) in Computer Systems

2005–2009

Bahauddin Zakariya University

Specialized in Computer Networks

Multan, Pakistan

Research

Keywords: Artificial Intelligence, Machine Learning, Deep Learning, Data Sciences, Big Data Analytics.

Publications (1st Author)

Sr. #	Paper Title	Publisher Information	Year
1	Deep Learning-Based Classification of Abrasion and Ischemic Diabetic Foot Sores Using Camera-Captured Images	Mathematics Journal, Publisher MDPI Volume 11 Issue 17	2023
2	An Integrated Framework Based on Deep Learning and Entropy Coded BPSO for Brain Tumor Prediction Using CIELAB Color Space	Computer Materials and Continua (2023).	2023
3	Centralize Urban Traffic Monitoring Systems and its Big Data Handling.	International Journal of Innovations in Engineering Research and Technology (IJIERT), 2018: 01-10	2018
4	Fluid Flow Algorithm to Solve Travel Salesman Problem	International Journal of Computing and Related Technology (IJCRT), 2017, 69-75	2017
5	An Efficient Technique to Estimate Object Speed	13 th International Computer Conference on Wavelet Active Media Technology and Information Processing (ICCWAMTIP) Proceedings, Chengdu, 2016, 477-479	2016
6	Traffic congestion detection by use of satellite view	14 th International Computer Conference on Wavelet Active Media Technology and Information Processing (ICCWAMTIP) Proceedings, Chengdu, 2017, 278-280	2017
7	Algorithm to solve Travel Salesman Problem Efficiently	13 th International Computer Conference on Wavelet Active Media Technology and Information Processing (ICCWAMTIP) Proceedings, Chengdu, 2016, 123-126	2016

Ph.D. Thesis

Title: *Advanced Intelligent Transportation System with Efficient Big Data Handling.*

Supervisor: Professor Jian Ping Li, Dean of Big Data Research Institute, Director of Global Research Centre on Wavelet Active Media Technology, School of Computer Science and Engineering.

Description: This thesis explores the Intelligent Transportation System and describes how current system can be improved with big data technology.

Projects and Software Development

Working as a **Full Stack Web Developer (FrameWork (Project names)):**

- Laravel (nfciet.edu.pk)
- Drupal configuration, customization. (bzmagazine.nl, www.musicbox360.com)
- Elgg configuration, customization. (luvpanel.com)
- Wordpress configuration, customization. (eforis-events.nl, eforis.nl, nwlrn.nl, insurance.nl, arbokizer.nl, winkelen.bzmagazine.nl, eforis-warehious.nl, www.jassarforms.com and many more)
- Magento configuration, customization. (canvaslifestyle.com)
- Codeignitor Framework Development.
- Facebook Application. (Dunlist, Upyck)
- Core PHP Development. (Goldtime.co)
- Web development in HTML, CSS, JavaScript, jquery, and XML.

Working as a **.Net Developer:**

- Development of desktop applications,
- SQL server Administrator.
- Stored Procedure and quires development.

Working as a **Java Developer:**

- Android application development.
- Talend jobs and routines development.

Experience

Current job and Teaching experiences.....

Working as Assistant Professor in the Computer Engineering Department of BZU Multan. *May 2023- Present*

Working as Assistant Professor in the Computer Science Department of NFC IET Multan. *Oct 2018– May 2023*

Research experiences.....

Big Data Center, Department of Computer Science, University of Electronic Science and Technology Chengdu, China

Ph.D Student

2014-2018

Wavelet Lab, Department of Computer Science, University of Electronic Science and Technology China

Ph.D. Student

2014-2018

Image Processing, Department of Computer Science UET Lahore, Pakistan

Master Student

2010-2013

Developed a n Efficient Technique to Estimate Object Speed (ETEOS) using a single camera in live video.

Industrial experiences.....

E2E Soluton Provider (Sr. Software Engineer) (1stAug 2012 – 20 Aug 2014)

Lahore, Pakistan

E2E Solution Providers is a software services organization that is engaged in developing and delivering state-of-the-art computer software solutions for its customers globally.

Roles

- Web Application Development.
- Monitoring performance of sites.
- Provide securities in sites.
- Development of new plugins for the site.
- Developed hooks, and different customization.
- Providing support.
- Business Intelligence.

Responsibilities and Achievements

- Communicate with Clients for requirement gathering.
- Development of Clint's requirement
- Technical Consultancy to Architect, Designer, Engineer, and Infrastructure groups.
- R&D for new technologies, frameworks, design patterns, and architectures.
- Database optimizations, Query creation, Database design, etc.

Hiit Technologies (Software Engineer & DBA) – (1stSep 2009 – 15-Oct 2010)

Multan, Pakistan

Hiit Technologies is a software development and system integration service provider. Since 2001. Hiit Technologies is

a software use and scheme integration activity provider.

Responsibilities: Web Development (PHP), VB.Net Developer, UI Development, DBA (Stored Procedure and Database Management).

Academic Service

Reviewer: ICCWAMTIP

Certification

Online: Big Data with Apache Spark coursera.org offered by Stanford University with 97.9 grades.

Online: English writing by coursera.org offered by MT. San Jacinto College USA.

Honors & Awards

2014: Awarded Chinese Government Scholarship (CSC).

2012: Excellent Student Award (Worked as RA in UET Lahore and Teach a lab of DLD).

Skills with skill level (■) indication

Programming Languages

PHP ■■■■■
Java Script ■■■■■
JQuery ■■■■■
CSS, HTML ■■■■■

VB.NET ■■■■□
JAVA ■■■■□
Python ■■■■□
C++ ■■■■□

Data Bases

MySQL ■■■■■
SQL Server ■■■■□

No-SQL, XML, JSON ■■■■□

Languages

English: Secondary language

Conversationally fluent

Urdu: Mother tongue

Excellent

Chinese: Basic

Basic words and phrases only

References

Prof. Jian Ping Li, Dean of Big Data Research Institute, Department of Computer Science, University of Electronic Science and Technology, China, Email: jpli2222@uestc.edu.cn

Prof. Jie Shao, Center for Future Media, Department of Computer Science, University of Electronic Science and Technology, China, Email: shaojie@uestc.edu.cn

Prof. Yasir Saleem, Department of Computer Science, University of Engineering and Technology Lahore, Pakistan, Email: ysaleem@gmail.com

Declaration

I, **Mudassir Khalil**, hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date: 01 January, 2024.