

Hafiz Muhammad Azeem Akram

Lecturer || Department of Computer Science || Khazar University

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RESEARCH INTERESTS

Mobile Computing, Internet of Things, Game Theory, Computer Networks, Embedded Systems, Control Systems.

TEACHING AND PROFESSIONAL EXPERIENCE SUMMARY

- 02/2023 to date **Lecturer** at the Faculty of Science and Engineering ||Department of Computer Science || Khazar University || Baku, Azerbaijan
- Teaching:**
- Computer Security (Graduate)
 - Computer Networks (Undergraduate)
 - Computer Organization and Architecture (Undergraduate)
 - Fundamentals of Programming (Undergraduate)
 - Web Programming (Undergraduate)
- Mentoring**
- 65 Summer Internships
 - 6 Final Year Students
- 09/2021-01/2023 **Lecturer** at the Faculty of Computing and Engineering, Liverpool John Moores University UK|| BIC Campus || Lahore, Pakistan
- Teaching:**
- Electric Circuit Analysis (EE Engineering)
 - Analogue and Digital Electronics (EE Engineering)
 - Engineering Mathematics (EE Engineering)
 - Control Systems (EE Engineering)
 - Computer Systems (Computing)
 - Data Modeling (Computing)
 - Software Engineering Principles (Computing)
- 02/2016-08/2016 **Visiting Faculty** at the Department of Computer Science || Federal Urdu University of Science, Arts and Technology || Islamabad, Pakistan
- Teaching:** Advance Computer Networks
- 02/2012-08/2016 **Network Engineer** at Communication Network Cell (CNC) Quaid-i-Azam University || Islamabad, Pakistan.

EDUCATION

- 09/2016 to 2020 Ph.D. (abd) in Computer Science and Engineering
Department of Computer Science and Engineering, Networking
Research Lab (NRL), Shanghai Jiao Tong University, Shanghai, China.
- 01/2016 MS Electrical Engineering (Computer Engineering)
COMSTAS Institute of Information Technology, Islamabad, Pakistan.
Thesis title: "Performance Analysis of Multimedia Services over LTE"
- 08/2012 M.Sc. Electronics
Quaid-i-Azam University, Islamabad, Pakistan

CONFERENCES and WORKSHOPS

1. Research work presentation at the 28th International Conference on Computer Communication and Networks (ICCCN) held In Valencia, Spain, on August 2019.
2. Participated in the Tecnológico de Monterrey, Maxico Workshop on "Future Communication Systems" held on 27-28 November 2019, Shanghai Jiao Tong University, China.
3. Participated in the 4-day workshop on "LTE and Beyond" held on 19-21 May 2015 at the Department of Electrical Engineering, COMSATS Institute of Information Technology Islamabad, Pakistan, arranged by CIIT with the cooperation of Pakistan Engineering Council (PEC).
4. Participated in the 3-day conference "Frontier of Information Technology" held on 17-19 December 2014 organized by COMSATS and Higher Education Commission (HEC),PK
5. 4-day workshop "FPGA BASE DIGITAL SYSTEM DESIGN" 03-04, 10,11 July 2010 organized by Department of Electronics, QAU Islamabad.

PUBLISHED ARTICLES

1. H. M. A. Akram, "Multi-Task Sensing for Multiple Crowdsourcers: A Dynamic Game Based Pricing Model," The 28th International Conference, on Computer Communication and Networks (ICCCN), Valencia, Spain, 2019, pp. 1-9.
2. Ahmad, Tanveer, Huanxin Chen, Ronggeng Huang, Guo Yabin, Jiangyu Wang, Jan Shair, Hafiz Muhammad Azeem Akram, Syed Agha Hassnain Mohsan, and Muhammad Kazim. "Supervised based machine learning models for short, medium and long-term energy prediction in distinct building environment." Energy, 158 (2018): 17-32

HONORS and AWARDS

1. Chinese Government Scholarship for PhD. Studies, Ministry of Education. 2016 – 2020
2. SJTU University Scholarship for PhD. Studies. 2016 – 2020
3. Merit Scholarship for M.Sc. Studies, QAU, Islamabad, Pakistan. 2011 – 2012
4. QAU Islamabad Team Leader for the “Robotics Competition” held in NUST, Isb 2011
5. Won debate competition, held in Quaid-i-Azam University Islamabad, arranged by HEC Pakistan. 2010