Curriculum Vitae

Dr. Asef Mohammad Ali AL-Khateeb

PERSONAL INFORMATION

Date of Birth: 30 April 1981
Place of Birth: Jordan
Nationality: Jordanian
Sex: Male
Marital Status: Married

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EDUCATION

PhD. Computer Science, (September 2012) Universiti Sains Malaysia-USM (Malaysia).
Specialization: Computer Cluster; High Performance (Grid Computing)
Thesis Title: Enhanced Meta-scheduling Algorithms for Submitting Jobs to Appropriate Resources in a Grid Environment.

Master of Science, (August 2006) Universiti Sains Malaysia-USM (Malaysia
 Major: Computer Sciences (Distributed Systems)
Specialization: Distributed System

Bachelor of Science, (October 2003) Sindh University (Pakistan)
Major: Computer and Information Technology (Honours)

Secondary School (Tawjeehy) (Industrial branch) Jordan, 1999.

EXPERIENCES

2024 Present	**Assistant Professor:** Faculty of Computer Science and Information Technology, Jerash University, Jerash, Jordan.
2022	**Assistant Professor:** Department of Management Information Systems College of Business Administration, King Faisal University, Ahsa-KSA.
	Assistant Professor: Department of Computer and Information Science
2013	College of Sharia and Islamic Studies, Al-Imam Muhammad Ibn Saud Islamic University, Ahsa-KSA.

Courses Taught:

Course Name	
CS140	Computer Programming 1
CS141	Computer Programming 2
CS370	Introduction to Databases
CS215	Design and Analysis of Algorithms
CS102	Introduction to Computer
CS434	Multimedia Systems (Elective course)
CS330	Computer Networks
CS322	Operating Systems
CS 042	Computer Skills for Preparatory Programs
CS480	Practical Training
CS492	Senior Project 1
CS493	Senior Project 2
CS391	Seminar
INFS 330	Information Networks
INFS 151	Introduction to Information Organization
INFS 201	Data Specification
INFS101	Introduction to Information Studies
INFS261	Content Analysis
INFS 211	Information Science
INFS 311	Comprehensive Information System
INFS451	Information Marketing
IS309	Systems Analysis and Design
IS200	Introduction to Information Systems
IS203	Web Programming
IS441	Information Systems Project Management
CIST 1122	Hardware Installation and Maintenance
CIST 1401	Computer Networking Fundamentals
BUS462	Total Quality Management

Jan 2010 Until Apr 2010	**Teaching:** School of Computer Sciences, University Science Malaysia. **Course Taught** · CMT222, "System Analysis & Design", Sem II, 2010.
Jan 2011 Until Apr 2011	**Teaching:** School of Computer Sciences, University Science Malaysia. **Course Taught** · CPT212, "Design & Analysis of Algorithms", Sem II, 2011.

RESEARCH MEMBERSHIP

Areas of Research Interest

Researcher: Grid Computing Group in School of Computer Sciences, University Science Malaysia
Penang-Malaysia

Researcher: Parallel and Distributed Processing Group in School of Computer Sciences, University Science Malaysia
Penang-Malaysia

Research Interest Includes High Performance (Computer Cluster, Grid Computing, Cloud Computer), Artificial Intelligence Machine Learning Computational Algorithms and bioinformatics.

PROFESSIONAL SKILLS

- **Knowledge of High-Performance Computing:**
- ✓ Grid Computing.
- ✓ Cloud Computing.
- ✓ Distributed Systems.
- ✓ Parallel Tools & Applications.
- ✓ Cluster and Multicore Computing.
- Windows All Versions, Dos, Mac.
- Knowledge in Java Programming.
- Knowledge in C/C++ Programming.
- Microsoft Technologies and Maintenance.
- Knowledge of Research Methodologies.
- Good spoken and written of English language.
- Native speaker of Arabic language.

PUBLICATIONS

- Al-Khateeb, A., Rashid, N. and Abdullah, R. (2009). Job type approach for deciding job scheduling in grid computing systems, Journal of Computer Science 5 (10): pp. 745-750.

- Al-Khateeb, A., Rashid, N. and Abdullah, R. (2011). An enhanced meta-scheduling system for grid computing that considers the job type and priority, Computing Springer: pp. 01-22, (Impact Factor: 0.959).

- Khalid Mohammad Jaber, Raed M. Al-Khatib, Alireza Taghizadeh and Asef Al-Khateeb. Efficient Extraction Method for Biological Data Using Boyer-Moore Search Algorithm, International Business Information Management Association (IBIMA)2nd IBIMA Conference, Rome, Italy 13-14 November 2013.

- Al-Khateeb, Bilal, and Al-Khateeb, Asef. (2020). Information Source Before Travelling and Choice of Traveling Mode, International Journal of Tourism and Hospitality Management in the Digital Age (IJTHMDA), IGI Global: pp. 29-41.

- R. M. Al-Khatib, T. Zerrouki, M. M., A. Balla and A. Al-Khateeb, (2021) "A new Enhanced Arabic Light Stemmer for ir in Medical Documents," Computers, Materials & Continua, vol. 68, no.1, pp. 1255–1269.

- Al-Khatib, Ra'ed M., and Alqudah, Nour Elhuda and Jawarneh, Mahmoud and Al-Khateeb, Asef. "A Novel Improved Lemurs Optimization Algorithm for Feature Selection Problems," Journal of King Saud University - Computer and Information Sciences, vol. 35, pp. 101704, 2023.

- Al-Khatib, Ra'ed M. and Al-Khateeb, Asef and Daom, Esraa and Al-Dagamseh, Ishraq and Tawalbeh, Ayat and Abualigah, Laith, " A New Enhanced IGBTQ-based Model for CPU Scheduling," Applied and Computational Engineering, vol. 8, pp. 429–435, 2023.

- Khurram Shahzad, Marwan Abu-Zanona, Bassam Mohammad Elzaghmouri, Saad Mamoun AbdelRahman, Ahmed Abdelgader Fadol Osman, Asef Al-Khateeb. " Using Artificial Intelligence and Machine Learning Approaches to Enhance Cancer Therapy and Drug Discovery, "Journal of Ayub Medical College, Abbottabad, Pakistan, p-ISSN 1025-9589, 2024.

- Bassam Mohammad Elzaghmouri, Ahmad Khader Habboush, Lucy Dash, Binod Kumar Pattanayak, Ahmed Abdelgader Osman, Mohammed Awad Ataelfadiel, Asef Al-Khateeb. " Architecture And Technologies of the 6G Network: A Survey, " Journal of Southwest Jiaotong University " Vol 59, No 1, (2024).

- Bassam Mohammad Elzaghmouri, yosef Hasan Fayez Jbara, Ahmed Abdelgader Fadol Osman, Asef Al-Khateeb, Motasem AbuDawas, and Binod Kumar Pattanayak. "Structural MRI Classification in Alzheimer's Disease Using CNN-XGboost: An Early Diagnosis","African Journal of Biomedical Research",Vol. 27 No. 3S, Published 2024-10-17.

- Qusai Abueina, Ra'ed M. Al-Khatibb, Aya Migdadya, Mahmoud S. Jawarnehc, Asef Al-Khateebd, "ArSa-Tweets: A novel Arabic sarcasm detection system based on deep learning model ","Heliyon ",Volume 10, Issue 17, 15 September 2024.

- Bassam Elzaghmouri, Osman Elwasila, Said Elaiwat, Asef Al-Khateeb, Saad Mamoun AbdelRahman, Ahmed Abdelgader Fadol Osman, Lamia Hassan Rahamatalla Mohamed,Motasem AbuDawas, Marwan Abu-Zanona, Farah H. Zawaideh, Ahmad Bany Doumi" Comprehensive Evaluation of Transfer-CNN based Models for Breast Cancer Detection", Journal of Information Systems Engineering and Management ",Volume 10, 338-353, 08 Feb 2025.

COURSES I PREFER TO TEACH

- High Performance Computing (Computer Cluster, Grid Computing, Cloud Computer, Edge Computing), Introduction to Computers, Operating Systems, Algorithms, Data Structures, Programming Languages.
- I have the capability to teach any course allocated to me.

WORKSHPS, COURSES AND SEMINARS:

Using the Learning Management System (Blackboard), 1 days December 2017
Deanship of University Teaching Development, Al-Imam Muhammad
Ibn Saud Islamic University, Saudi Arabia,

Applications of Smart Phones in University Teaching April 2017.
Deanship of University Teaching Development, Al-Imam Muhammad
Ibn Saud Islamic University, Saudi Arabia,

Using the Learning Management System (Allemni-Tadaros), 3days
February 2017, Deanship of Distance Education and E-Learning,
Al-Imam Muhammad Ibn Saud Islamic University, Alahsa, Saudi Arabia.

Constructing Achievement Tests, November 2016, Deanship of University Teaching Development, Al-Imam Muhammad Ibn Saud Islamic University, Saudi Arabia.

University Teaching and Learning Program, 4 days, December 2015
Quality Training Academy, Alahsa, Saudi Arabia.

Workshop on Modern Approaches to the Management of Human Resources
March 2011, The Advanced Style for Training, Penang, Malaysia.

Workshop on Executive Leadership Skills and Outstanding Strategic planning
March 2011, The Advanced Style for Training, Penang, Malaysia.

Workshop on Knowledge Discovery, August 2010, School of computer
Sciences, Universiti Sains Malaysia-USM, Malaysia.

Workshop of Writing for Journal with Impact Factor
July 2010, School of computer Sciences, Universiti Sains Malaysia-USM, Malaysia.

Workshop on Writing Technical Papers, October 2009, School of computer Sciences, Universiti Sains Malaysia-USM, Malaysia.

REFEREES

- Prof. Rosni Abdullah, School of Computer Sciences, University of Sciences Malaysia (USM).

- Assoc. Prof. Nur'Aini Abdul Rashid, School of Computer Sciences, University of Sciences Malaysia (USM).