

MAHMOUD AHMAD SALEM AL-KHASAWNEH

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Email :mahmoud@outlook.my

CAREER GOALS

Looking for Associate Professor position where I can utilize my teaching and research skills and advance my career through teaching and working in research environment.

Currently position:

- Associate Professor, Faculty of Computer and Information Technology, Al-Madinah International University (MEDIU), Malaysia

PERSONAL INFORMATION:

Nationality: Jordan
Birth date: 16th August, 1980
Gender: Male
Marital Status: Married



EDUCATION:

- 2018 PhD:** PhD Computer Science
Universiti Teknologi Malaysia
Johor Bahru, Malaysia
Major: Computer Science
Thesis Title: ENHANCED IMAGE ENCRYPTION SCHEME WITH MAPREDUCE APPROACH FOR BIG SIZE IMAGES
- 2013 Master:** Master of Science in Computer Science
Universiti Teknologi Malaysia
Johor Bahru, Malaysia
Major: Computer Science
Thesis Title: GREEDY INTERSECTION-MODE ROUTING STRATEGY PROTOCOL FOR VEHICULAR NETWORKS
- 2003 Bachelor:** Bachelors of Science in Computer Science
Yarmouk University
Irbid, Jordan
Major: Computer Science

Research Interest : Big Data, Image Encryption, IoT, Blockchain , Deep Learning

Certifications:

- CISCO Certified Networking Associate (CCNA)
- Oracle9i Forms Developer Certified Professional (OCP)

Awards:

Best Active Staff (February 2017)

ACADEMIC WORK EXPERIENCE:

February 2014 to Now **Al-Madinah International University**
Lecturer

As a lecturer in both online Study Mode and On-Campus study Mode have Responsibility to assist in the development and teaching in the Bachelor of IT and/or short courses related to Information Technology.
The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions or other teaching/learning activities assigned by the faculty dean for IT.
Initiation and development of teaching/learning materials.

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Course coordination.
Involvement in professional activity.
Marking and Assessment.
Consultation with Students.
Undertake administrative functions as required under the direction of the faculty dean.
Attendance at departmental and/or faculty meetings and/or membership of committees.
Provide support for students of the faculty.
Work with other staff in connection with teaching and learning issues
Collaborate with the Teaching and Learning Centers.

Professional Trainings

- International Conferences Management EDAS Platform, January 2018
- Outcome Based Education (OBE), March 2018
- Teambuilding and Leadership Program, February 2018
- Workshop on Creativity and Innovation Management, April 2016
- Big Data Analytic talk using OSI Platform, June 2015
- Personal Characteristics Training May 2015
- Pressure Management Skills, January 2015
- Microsoft Excel Skills Training Program, June 2014
- Cisco Certified Network Associate (CCNA). Augst 2010
- MCITP (Microsoft Certified information Technology Professional), June 2006
- Oracle Certified Professional (OCP) course, at Computer & Communications Systems (CCS) Training Center. April 2004

Committee:

- **Keynotes Speaker** 2020 3rd International Conference on Mechatronics and Computer Technology Engineering (MCTE 2020) September 18-20, 2020 in ChangSha, China
- **Keynotes Speaker** 2020 International Conference on Communications, Information System and Computer Engineering (CISCE2020), Kuala Lumpur, Malaysia July 3-5,2020
- **Keynotes Speaker** 2020 5th International Conference on Electronic Technology and Information Science (ICETIS 2020), Guangzhou, China February 14-16, 2020
- **Keynotes Speaker** 2019 2nd International Conference on Computer Information Science and Artificial Intelligence (CISAI 2019), October 25-27, 2019 in Xi'an, China
- **Keynotes Speaker** 2019 International Conference on Communications, Information System and Computer Engineering (CISCE2019) , Haikou,China during July 5-7,2019
- Managerial Editor of International Journal on Contemporary Computer Research (IJCCR)
- Member of Quality Control Committee, Al-Madinah International University (MEDIU), Malaysia
- .Member of *Accreditation of Prior Experiential Learning (APEL)*, Al-Madinah International University (MEDIU), Malaysia
- Member of Finance Committee, IEEE International Conference on Smart Computing and Electronic Enterprise(IEEE ICSC EE 2018), Al-Madinah International University (MEDIU), Malaysia
- Chair of Logistics Committee, IEEE International Conference on Smart Computing and Electronic Enterprise(IEEE ICSC EE 2018), Al-Madinah International University (MEDIU), Malaysia
- Member of Scientific Organizing Committee, International Conference on Artificial Intelligence & Machine Learning, August 19-20, 2019, Osaka, Japan.

Professional Membership:

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- The Society of Digital Information and Wireless Communications - SDIWC (Membership No. 4025)
- International Association of Engineers - IAENG (Membership No. 262427)
- Malaysia Board of TEchnologists - Graduate Technologist (Membership No. GT20060456)
- IEEE Malaysia Section (Membership No. 96516375)

Reviewer:

- IEEE Access
- IEEE International Conference on Smart Computing and Electronic Enterprise(IEEE ICSCEE 2018)
- International Journal of Data Science Research (IJDSR)
- International Journal on Contemporary Computer Research (IJCCR)

Teaching Activities:

Master Subjects

- GICT5023 - Open Source for the Enterprise
- GMMD5013 - Multimedia Networking
- GNET5014 - Software & Database in Data Communication Network
- GNET5023 - Networks and Routing

Bachelor Subjects

- CICT1513 - Introduction To Information Technology & Its Applications
- CICT2523 - Computer Architecture
- CICT4513 - Project Management in IT
- CCPS2533 - System Analysis and Design
- CCPS2573 - Operating System
- CICT3543 - Decision Support System
- CICT4563 - Information System Strategic Planning
- CCPS1513 - Computer Programming
- CICT3513 - Human Computer Interaction
- CMMD2513 - Multimedia Technology
- CICT4543 - E-Commerce and Knowledge Management
- CCPS1553 - Database Management System
- CCPS2513 - Data Structure and Algorithm
- CCPS3673 - Computer Graphics

Supervision:

PhD Student

- Abdulrahman Mohammed Alftieh, Speller Classifiers for the P300 Signal of a Brain Computer Interface, (2019 - Ongoing)
- Syed Atif Ali Shah, Visual Armory Detection for Automatic Surveillance (VADAS), (2019 - Ongoing)
- Mohamed Yassin Abdelwahab Yassin, Text Summarization using Deep Learning, (2020 - Ongoing)

Master Student

- Moneer Mohammed Saleh Salooh, Predictions of Diabetic Complications for Adults - Case study (Riyadh Area), (2018 - Graduated)
- Yudhi Fajar Saputra, Big Data Analytics: Schizophrenia Prediction On Apache Spark, (2018 - Waiting Viva)
- Mukhtar Nazifi Imam, Improved Co-evolutionary automatic programming for software development, (2018 - Waiting Viva)

PUBLICATIONS

- Rani, R., Kumar, S., Kaiwartya, O., Khasawneh, A.M., Lloret, J., **Al-Khasawneh, M.A.**, Mahmoud, M. and
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- Alarood, A.A., 2021. Towards Green Computing Oriented Security: A Lightweight Postquantum Signature for IoT. *Sensors*, 21(5), p.1883.
- Mast, N., Khan, M.A., Uddin, M.I., Ali Shah, S.A., Khan, **A., Al-Khasawneh**, M.A. and Mahmoud, M., 2021. Channel Contention-Based Routing Protocol for Wireless Ad Hoc Networks. *Complexity*, 2021.
 - Uddin, M. I., Ali Shah, S. A., **Al-Khasawneh, M. A.**, Alarood, A. A., & Alsolami, E. (2020). Optimal policy learning for COVID-19 prevention using reinforcement learning. *Journal of Information Science*, 0165551520959798.
 - Khasawneh, A.M., Kaiwartya, O., Lloret, J., Abuaddous, H.Y., Abualigah, L., Shinwan, **M.A., Al-Khasawneh**, M.A., Mahmoud, M. and Kharel, R., 2020. Green Communication for Underwater Wireless Sensor Networks: Triangle Metric Based Multi-Layered Routing Protocol. *Sensors*, 20(24), p.7278.
 - **Al-Khasawneh, M.A.**, 2020. Chapter-2 Deep Learning (DL) Techniques in Enhancing the Security of IoT Devices. *Advances in Academic Research and Development*, p.11.
 - **Al-Khasawneh, M.A.**, 2020. Chapter-3 Data Science Tools and Applications. *Advances in Academic Research and Development*, p.35.
 - **Al-Khasawneh, M.A.**, Abu-Ulbeh, W. and Khasawneh, A.M., 2020, December. Satellite images encryption Review. In *2020 International Conference on Intelligent Computing and Human-Computer Interaction (ICHCI)* (pp. 121-125). IEEE.
 - Ali Shah, S. A., Uddin, I., Aziz, F., Ahmad, S., **Al-Khasawneh, M. A.**, & Sharaf, M. (2020). An enhanced deep neural network for predicting workplace absenteeism. *Complexity*, 2020.
 - Khan, F. A., Abubakar, A., Mahmoud, M., **Al-Khasawneh, M. A.**, & Alarood, A. A. (2019). Cotton crop cultivation oriented semantic framework based on IoT smart farming application. *International Journal of Engineering and Advanced Technology*, 8(3), 480-484.
 - **Al-Khasawneh, M. A.**, Shamsuddin, S. M., Hasan, S., & Bakar, A. A. (2018, July). MapReduce a comprehensive review. In *2018 International Conference on Smart Computing and Electronic Enterprise (ICSCEE)* (pp. 1-6). IEEE.
 - Uddin, M. I., Zada, N., Aziz, F., Saeed, Y., Zeb, A., Ali Shah, S. A., **Al-Khasawneh, M. A.**, & Mahmoud, M. (2020). Prediction of Future Terrorist Activities Using Deep Neural Networks. *Complexity*, 2020.
 - **Al-Khasawneh, M. A.**, Shamsuddin, S. M., Hasan, S., & Bakar, A. A. (2018, July). An improved chaotic image encryption algorithm. In *2018 International Conference on Smart Computing and Electronic Enterprise (ICSCEE)* (pp. 1-8). IEEE.
 - Ullah, Z., Zeb, A., Ullah, I., Awan, K. M., Saeed, Y., Uddin, M. I., **Al-Khasawneh, M. A.**, & Zareei, M. (2020). Certificateless Proxy Reencryption Scheme (CPRES) Based on Hyperelliptic Curve for Access Control in Content-Centric Network (CCN). *Mobile Information Systems*, 2020.
 - Uddin, M. I., Shah, S. A. A., & **Al-Khasawneh, M. A.** (2020). A Novel Deep Convolutional Neural Network Model to Monitor People following Guidelines to Avoid COVID-19. *Journal of Sensors*, 2020.
 - Khan, F. A., Abubakar, A., Mahmoud, M., **Al-Khasawneh, M. A.**, & Alarood, A. A. Rift: A High-Performance Consensus Algorithm for Consortium Blockchain. *International Journal of Recent Technology and Engineering (IJRTE)*, 2019.
 - Khan, F. A., Abubakar, A., Mahmoud, M., **Al-Khasawneh, M. A.**, & Alarood, A. A. BSCL: Blockchain-Oriented SDN Controlled Cloud Based Li-Fi Communication Architecture for Smart City Network. *International Journal of Engineering & Technology*, 2018.

References available upon request
