

Curriculum Vitae

Dr Mohammad Kamel Kharabsheh

The Hashemite University
Jordan - Tobacco Control Research Group (Member)
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EDUCATION

Postgraduate

PhD in Database & Information Systems, Computer Science Department, University of Leicester. PhD viva exam passed on 14-March-2014. Thesis's title "*Compressed Representation of XML Documents with Rapid Navigation*". Supervisions: Prof Rajeev Raman and Prof Rick Thomas.

Master degree in Computer Science, Faculty of Computer and Information Technology, Jordan University of Science and Technology, Irbid- Jordan (2007). The MSc thesis's title was "*Mining Association Rules Based on User Defined Constraints*".

Undergraduate

Bachelor in Computer Science. Faculty of Information Technology, Al-Yarmouk University, Irbid – Jordan(2004).

WORK EXPERIENCE

Jan 2020 – Now: Dean (The Hashemite University / Deanship of Academic Developments and International Outreach)

Sept 2017 – November 2019: Vice Dean (The Hashemite University / Deanship of Academic Developments and International Outreach)

Oct 2015 – Aug 2017: Assistant Dean (The Hashemite University / Faculty of Prince Al-Hussein Bin Abdullah II for Information Technology / Computer Information System Department).

Feb 2015 – Now: Assistant Professor (The Hashemite University / Faculty of Prince Al-Hussein Bin Abdullah II for Information Technology / Computer Information System Department).

Sept 2009- June 2014: Teaching and Research Assistant at University of Leicester/ Computer Science Department. Leicester. UK.

Oct 2009- June 2013: Lecturer at Midlands Academy of Business and Technology. Leicester. UK.

July 2006 – Sept 2009: Computer lab supervisor and a lecturer of some courses in Al Balqa Applied University / Al Huson College / Computer Science Department.

Feb 2008 – Jun 2008: Part time lecturer (The Hashemite University / Faculty of Prince Al-Hussein Bin Abdullah II for Information Technology / Computer Science Department)

Feb 2008 – Jun 2008: Part time lecturer (Jordan University of Science and Technology/ Faculty of Computer and Information Technology/Computer Information System Department).

Feb 2006 – Jun 2006: Part time teacher (Sal Secondary school) Ministry of Education.

Feb 2005 – Jun 2007: Bayt Al-Manhal Center : Teacher (Management Information System).

PUBLICATIONS

- Hassan Najadat and **Mohammad Kharabsheh**, "User Constraints in discovering Association Rules Mining", *In the proceedings of International Arab Conference on Information Technology (ACIT'2008), University of Sfax, Tunisia, December 2008.*
- **Mohammad Kharabsheh** at University of Leicester- Computer Science Department. Title "Highly Compressed In Memory Representation of XML Documents", 18 Feb 2010.

Mohammad Kharabsheh at 28th *British National Conference on Databases, BNCOD 2011*, the University of Manchester, United Kingdom 12th - 14th July 2011.
- Aljammal, A. H., Bani-Salameh, H., Alsarhan, A., **Kharabsheh, M.**, & Obiedat, M. (2017). Node Verification to Join the Cloud Environment Using Third Party Verification Server. *International Journal of Interactive Mobile Technologies (IJIM)*, 11(4), 55-65.
- **Kharabsheh, Mohammad** & Alzyoud, Sukaina. (2017). Classification of Nicotine Dependence with a Machine Learning Approach. *International Health Conference 2017, At Oxford (UK)*
- **Mohammad Kharabsheh**, Omar Meqdadi, Mohammad Alabed, Sreenivas Veeranki, Ahmad Abbadi and Sukaina Alzyoud, "A Machine Learning Approach for Predicting Nicotine Dependence" *International Journal of Advanced Computer Science and Applications(IJACSA)*, 10(3), 2019.
- Alaa Al-Nusirat, Feras Hanandeh , **Mohammad Kharabsheh**, Mahmoud Al-Ayyoub and Nahla Al-dhufairi. "Dynamic Detection of Software Defects Using Supervised

Learning Techniques” *International Journal of Communication Networks and Information Security (IJCNIS)*, Vol. 11, No. 1, April 2019.

- Jihad Alzyoud, **Mohammad Kharabsheh**, Sukaina Alzyoud and Eman Alzbon. (2019). Use of Healthcare Informatics Applications and Data for Research Purposes by Students: Opportunities and Challenges in Jordan. *2019 IEEE 89th Vehicular Technology Conference (VTC2019-Spring)*, 1-6.
- Aljawabrah N., Gergely T., **Kharabsheh M.** (2019) Understanding Test-to-Code Traceability Links: The Need for a Better Visualizing Model. In: Misra S. et al. (eds) *Computational Science and Its Applications – ICCSA 2019. ICCSA 2019. Lecture Notes in Computer Science, vol 11622. Springer, Cham.*
- Sukaina Alzyoud, **Mohammad Kharabsheh**, and Rola Mudallal, “Predicting Depression Level of Youth Smokers Using Machine Learning” *International Journal of Scientific & Technology Research (IJSTR)*, Vol. 11, No. 1, April 2019.
- **Mohammad Kharabsheh**, Najeeb AbuAlsha’ar, and Mahmoud Al-Ayyoub, “A Comparative Decision Support Systems for Water Resources Management” *International Review of Automatic Control (I.R.E.A.CO)*, Vol. 12, No. 5, September 2019.
- **Mohammad Kharabsheh**, Ahmad Qawasmeh, Omar Megdadi, Nadera Jawabreh, Rola Mudallal and Sukaina Alzyoud, “A Critical Analysis of the Relationship Between Depression and Smoking Using Machine Learning” *International Journal of Scientific & Technology Research (IJSTR)*, Vol. 8, No. 12, December 2019.

FUNDED RESEARCH PROJECTS

- Member in Erasmus Plus funded project (€989K), Development of Health informatics integrated curricula in computing and health-oriented undergraduate degrees (HiCure), from 15 October 2015 until 31 January 2019.

ACADEMIC ACTIVITIES

- Reviewer, IEEE International Conference on Computer Systems and Applications (AICCSA 2019), <http://www.aiccsa.net/AICCSA2019/2-uncategorised/57-hope2019>.
- Reviewer, Medical Informatics Europe conference (MIE 2020), <http://mie2020.org/en/>.

CERTIFICATES

- Higher Education – Hashemite University
- Higher Education Learning Strategies in 21st Century – British Council and Plymouth University.
- Planning, Delivering and Monitoring an Academic Professional Development Program - British Council and Plymouth University.
- Leadership and Management - British Council and Plymouth University.

RESEARCH INTEREST

- Applications of Artificial Intelligence and Machine Learning
- Database Management Systems.
- In-Memory Representation of XML Documents.
- Succinct Data Structure.
- Data Compression.
- Knowledge Discovery and Data Mining.

TRAINING COURSES

1- Course in Oracle 8i.

- Introduction to oracle SQL & PL/SQL.
- Develop PL/SQL Program Units.
- Oracle forms developer.

2- Course in C++.

3- Course in Photoshop.

4- ICDL Certification.

5- Journalism Skills.

6- Communication Skills.

7- Software Quality Assurance.

MEMBERSHIP AND AWARDS

- Research Member of Jordan - Tobacco Control Research Group.
- Member of the Jordanian Accreditation Committees for the IT curricula.
- Member of the Jordanian Committees for writing the IT Jordanian national exam
- Member of the Curricula Committees at the Hashemite University
- Member of the Institutional Review Board at the Hashemite University
- Member of the Higher Committee for Simplifying the Procedures at the Hashemite University.
- Member of the Quality Assurance & Quality Control committee at the Faculty of Prince Al-Hussein Bin Abdullah II for Information Technology/ Hashemite University.
- Member of the **ABET** accreditation committee at the Faculty of Prince Al-Hussein Bin Abdullah II for Information Technology/ Hashemite University.
- Member of the Graduation Projects committee at the Faculty of Prince Al-Hussein Bin Abdullah II for Information Technology/ Hashemite University.
- Member of the Students Investigation committee at the Faculty of Prince Al-Hussein Bin Abdullah II for Information Technology/ Hashemite University.
- Get the Cultural & Media Excellence Award Al-Yarmouk University

COURSES TAUGHT

Undergraduate

- C++ Programming.
- Compression Methods for Multimedia.
- Operating System.
- Digital Computer Design.
- Databases and Web Applications.
- Database Administration.
- Software development and Web Design.
- Using IT Tools in Management.
- Project Management.
- Management Information System.
- Geographic Information System
- Data Exchange Standards

Postgraduate

- C++ Programming and Advanced Algorithm.
- Web Technologies.
- Software Development Innovation.

LANGUAGE

- Arabic-mother tongue.
- English- highly proficient.

REFEREES

- Dr Sukaina Alzyoud, Deanship of Academic Development and International Outreach, Jordan - Tobacco Control Research Group. The Hashemite University. Zarqa, Jordan, P#: (+962) 79998 6265, e-mail: sukaina-alzyoud@hu.edu.jo.
- Prof Ali Elkarmi. Vice President for the Scientific Colleges and Centers – The Hashemite University. Zarqa, Jordan, P#: (+962) 797681700, e-mail: karmi@hu.edu.jo.
- Prof Rajeev Raman, Professor of Computer Science. Editor, Journal of Discrete Algorithms. Associate Managing Editor, Journal of Discrete Algorithms (2000-04), Encyclopaedia of Algorithms, Area Editor. Department of Computer Science, University of Leicester, University Road, Leicester, LE1 7RH. T: +44 (0)116 252 3894 F: +44 (0)116 252 3604 E: r.raman@mcs.le.ac.uk.
- Prof Rick Thomas, Professor of Mathematics and Computer Science, member of the Department of Computer Science within the College of Science and Engineering. The Academic Director of the College of Science and Engineering. Department of Computer Science, University of Leicester, University Road, Leicester, LE1 7RH. T: +44 (0)116 252 3885 F: +44 (0)116 252 3604 E: rmt@mcs.le.ac.uk.