

# Dr. MAHMOUD MOHAMMAD MAQABLEH

*Associate of the Higher Education Academy (AHEA) – United Kingdom*

**Assistant Professor**



Chairman of MIS Department  
Faculty of Business  
The University of Jordan, Jordan  
E-mail: maqableh@ju.edu.jo  
mmaqableh@gmail.com  
Mobile: 0777 64 11 69  
Phone: +962-6-5355000 Ex. 24247, 24288  
P. O. Box: 13761 Amman 11942 Jordan



---

## EDUCATION AND QUALIFICATIONS:

- **Ph.D.** in Information Systems and Technology Management, **E-Commerce Security**, School of Engineering and Computing Sciences, Durham University, United Kingdom. (October 2008- April 2012).

Dissertation Title: "*Analysis and Design Security Primitives Based on Chaotic Systems for eCommerce*".

- **Master's Degree** in Computer Science, Internet Security, **GPA=3.77/4.0 (Excellent)**, University Sains Malaysia (USM), Malaysia. (June 2005- June 2006).

Dissertation Title: "*New Hash Function Based on Chaos Theory (CHA-1)*".

- **Bachelor Degree** in Computer Science, **GPA=80.83%**, Al al-Bayt University, Jordan. (October 2000- August 2004).

---

## CAREER HISTORY:

- **Associate Professor:**2014-(Present), Management Information Systems, Faculty of Business Administration, *The University of Jordan*, Amman, Jordan.
- **Chairman of MIS Department:**2015-(2018), Management Information Systems, Faculty of Business Administration, *The University of Jordan*, Amman, Jordan.

- **Chairman of MIS Department:**2014-(2015), Management Information Systems, Faculty of Business Administration, *The University of Jordan*, Amman, Jordan.
- **Assistant Professor:**2012-(Present), Management Information Systems, Faculty of Business Administration, *The University of Jordan*, Amman, Jordan.
- **Director of Career Guidance Office - King Abdullah II Fund for Development:**2013-2014, Deanship of Student Affairs, *the University of Jordan*, Amman, Jordan.
- **Dean Assistant for Students Affairs:** 2012-2013, Faculty of Business, *the University of Jordan*, Amman, Jordan.
- **Lecturer:** 2012, Management Information Systems, Faculty of Business, *the University of Jordan*, Amman, Jordan.
- **Teaching Assistance:** 2008-2012, School of Engineering and Computing Sciences, *Durham University*, Durham, United Kingdom.
- **Teaching and Research Assistance:** 2007- 2008, Management Information Systems, Faculty of Business, *TheUniversity of Jordan*, Amman, Jordan.
- **Lecturer:** 2006- 2007, Computer Science Department, Prince Al-hussein Bin Abdullah II Faculty for Information Technology, *Hashemite University*, Zarqa, Jordan.
- **Computer Science Teacher:** 2004–2005, Al-Mafraq High School, *Ministry of Education*, Mafraq, Jordan.
- **Tutor Teacher:** 2002-2004, Computer Science Department, Prince Hussein Bin Abdullah College for Information Technology, *Al al-Bayt University*, Mafraq, Jordan.

---

## PUBLICATIONS:

- Masa'deh,, Z Obeidat, **Maqableh, M**, M Shah, (2018). The Impact of Business Intelligence Systems on an Organization's Effectiveness: The Role of Metadata Quality from a Developing Country's View. *International Journal of Hospitality & Tourism Administration*.

- A Bajnaid, G Alessandro Veltri, T Elyas, **Maqableh, M**, (2018). A Quantitative Survey of Online Impression Formation and Mate Preferences among Saudi Users of Matrimonial Websites, *Modern Applied Science* 12 (11), 121-150.
- H Karajeh, **Maqableh, M**, L Rajab, H Mohammad, T Khatib, N Al-Qirim, (2018), Social media networks and pedagogy at the University of Jordan (Education and Information Technologies,(2018), 23, 5,(2073-2090), 10.1007/s10639-018-9704-8).
- O Al-Hujran, EM Al-Lozi, MM Al-Debei, **Maqableh, M**, (2018). Challenges of Cloud Computing Adoption From the TOE Framework Perspective, *International Journal of E-Business Research (IJEBR)* 14 (3), 77-94.
- A Bajnaid, GA Veltri, AH Gharibeh, **Maqableh, M**, (2018). Saudi Online Courtship Script: Qualitative Interviews of Using Matrimonial Websites among Saudi Users, *Modern Applied Science* 12 (11).
- H Karajeh, **Maqableh, M**, (2018). An Imperceptible, Robust, and High Payload Capacity Audio Watermarking Scheme Based on the DCT transformation and Schur Decomposition, *Analog Integrated Circuits and Signal Processing, Social Media Networks and Pedagogy at the University of Jordan*.
- A Tarhini, R Masa'deh, KA Al-Busaidi, AB Mohammed, **Maqableh, M**, (2017). Factors influencing students' adoption of e-learning: a structural equation modeling approach, *Journal of International Education in Business* 10 (2), 164-182.
- R Masa'deh, R Shannak, **Maqableh, M**, A Tarhini, (2017). The impact of knowledge management on job performance in higher education: The case of the University of Jordan *Journal of Enterprise Information Management* 30 (2), 244-262.
- BY Obeidat, AB Abdallah, NO Aqqad, **Maqableh, M**, A Akhoershiedah, (2016). The effect of intellectual capital on organizational performance: the mediating role of knowledge sharing, *Communications and Network* 9 (1).
- D Almajali, K Mansour, R Masa'deh, **Maqableh, M**, (2016). The impact of electronic supply chain management usage on firm's performance, *International Journal of Communications, Network and System Sciences* 9 (6).

- Masa'deh, R.M.T., Shannak, O. R., **Maqableh, M.**, Tarhini, A., (2017). The impact of Knowledge Management on job performance in Higher Education: The case of the University Of Jordan, *Journal of Enterprise Information, Emerald*, 30 (2), 244-262.
- Masa'deh, R.M.T., Tarhini, A., Bany, M. A., **Maqableh, M.**, (2016). Modeling Factors Affecting Student's Usage Behaviour of E-Learning Systems in Lebanon, *International Journal of Business and Management*, 11(2).
- AL Kateb, G. , Swies, R., Obeidat, B., Masa'deh, R. M.,**Maqableh, M.**, (2015), An Investigation on the Critical Factors of Information System Implementation in Jordanian Information Technology Companies, *European Journal of Business and Management*, Vol.7, No.36, 11-28.
- **Maqableh, M.**, Bany M. A., Masa'deh, R.M.T., (2016). Modeling teachers' influence on learners' use of electronic commerce technologies, *Scientific Research and Essays*, 11 (3), 29-41.
- Vratskikh, I., Masa'deh, R.M.T., Alozi, M., **Maqableh, M.**, The Impact of Emotional Intelligence on Job Performance via the Mediating Role of Job Satisfaction, *International Journal of Business and Management*, 11(2).
- **Maqableh, M.**, Masa'deh, R.M.T., Shannak, R.O. and Nahar, K.M. (2015). Perceived Trust and Payment Methods: An Empirical Study of MarkaVIP Company. *Int. J. Communications, Network and System Sciences*, 8, 409-427.
- Almajali, D.A., **Maqableh, M.** and Masa'deh, R.M.T. (2015). Assessing the Digital Divide Status of the Jordanian Telecentre. *Int. J. Communications, Network and System Sciences*, 8, 428-439.
- **Maqableh, M.**, Masa'deh, R.M.T. and Mohammed, A.B. (2015). The Acceptance and Use of Computer Based Assessment in Higher Education. *Journal of Software Engineering and Applications*, 8, 557-574.

- **Maqableh, M.**, Rajab, L., Quteshat, W., Masa'deh, R.M.T., Khatib, T. and Karajeh, H. (2015). The Impact of Social Media Networks Websites Usage on Students' Academic Performance. *Communications and Network*, 7,159-171.
- **Maqableh, M.**(2014). *Electronic Commerce Security*, 1<sup>st</sup> edition, Introduction to Electronic Commerce, 159-180, Amman, Jordan, Dar Alfiker.
- Karajeh, H.,**Maqableh, M.**, Masa'deh, R. (2014). "A Review on Stereoscopic 3D: Home Entertainment for the Twenty First Century", *3D Research*, Springer, Vol. 5,No. 4, pp.1-9.
- **Maqableh, M.**, Karajeh, H., Masa'deh, R. (2014). "Job Scheduling for Cloud Computing Using Neural Networks",*Communications and Network*, Vol.6, No.3, pp. 191-200.
- Masa'deh, R., **Maqableh, M.**, and Karajeh, H. (2014). "A Theoretical Perspective on the Relationship between Leadership Development, Knowledge Management Capability, and Firm Performance", in the *Asian Social Science*, Vol. 10, No. 6, pp. 128-137.
- Masa'deh, R., **Maqableh, M.**, and Karajeh, H. (2014). "IT-Business Strategic Alignment: The Role of Mobile Technology Usage", in the 23rd IBIMA Conference on Vision 2020: Sustainable Growth, Economic Development, and Global Competitiveness, Valencia, Spain, 13-14th May.
- Karajeh, H., **Maqableh, M.**, and Masa'deh, R. (2014). "Security of Cloud Computing Environment", in the 23rd IBIMA Conference on Vision 2020: Sustainable Growth, Economic Development, and Global Competitiveness, Valencia, Spain, 13-14th May.
- Masa'deh, R., Shannak, R., and **Maqableh, M.** (2013). "A Structural Equation Modelling Approach for Determining Antecedents and Outcomes of Students' Attitude toward Mobile Commerce Adoption", in the *Life Science Journal*, Vol. 10, No. 4, pp. 2321-2333.
- Masa'deh, R., Gharaibeh, A., **Maqableh, M.**, and Karajeh, H. (2013). "An Empirical Study of Antecedents and Outcomes of Knowledge Sharing Capability in Jordanian Telecommunication Firms: A Structural Equation Modelling Approach", in the *Life Science Journal*, Vol. 10, No. 4, pp. 2284-2296.

- Obeidat, B., El-Rimawi, S., Masa'deh, R., **Maqableh, M.**, and Al-Jarrah, I. (2013). "Evaluating the Profitability of the Islamic Banks in Jordan", in the European Journal of Economics, Finance and Administrative Sciences, Issue 56, January, pp. 27-36.
- **Maqableh, M.**,(2011)."Fast Parallel Keyed Hash Functions Based on Chaotic Maps (PKHC)", in Western European Workshop on Research in Cryptology. 2011: Weimar – Germany.
- **Maqableh, M.**,(2010), "Fast Hash Function Based on BCCM Encryption Algorithm for E-Commerce (HFCCM)". 5th International Conference on e-Commerce in Developing Countries: with focus on export. 2010: Kish Island – Iran.
- **Maqableh, M.**, (2010),"Secure Hash Functions Based on Chaotic Maps for E-Commerce Application". International Journal of Information Technology and Management information System (IJITMIS), VOL.1 NO.1, pp. 12-19, June 2010.
- **Maqableh, M.**, Dantchev, S., (2009). Cryptanalysis of Chaos-based Hash Function (CBHF). First International Alternative Workshop on Aggressive Computing and Security (iAWACS). 2009: Laval – France (2009).
- **Maqableh, M.**, Samsudin, A., Alia, M., (2008) New Hash Function Based on Chaos Theory (CHA-1). IJCSNS International Journal of Computer Science and Network Security, VOL.8 No.2, pp. 20-26, February 2008.

---

**RESEARCH INTEREST:**

• <i>Information Systems</i>	• <i>Electronic Commerce</i>
• <i>Information Security</i>	• <i>Cloud Computing</i>
• <i>Chaos Theory</i>	• <i>Image Processing</i>

## **FUNDED PROJECTS:**

- **Project Title:** Cloud Computing in Jordan: Applicability and Future Prospects

**Date:** 2013-2014

**Sponsors:** The Deanship of Academic Research, the University of Jordan

**Participants:** Dr. Mutaz M. Al-Debei and Dr. Mahmoud Maqableh

**Total budget:** \$10,000.

---

## **TAUGHT COURSES:**

- Management Information Systems
  - Data Structures and File Processing
  - Real Time Computing
  - Machine Architecture
  - Operating Systems
  - Java Programming
  - Visual Basic.Net
  - Distributed Systems
  - Computer Skills 2
  - Supervision on Graduation Projects in Management Information Systems.
  - Business Modeling and Simulation
  - Business Software Development
  - System Analysis and Design
  - Electronic Business
  - Computer Networks
  - Discrete Mathematics
  - C# Programming
  - C++ Programming
  - Computer Skills 1
- 

## **TRAINING COURSES AT DURHAM UNIVERSITY - UK:**

- *Teaching Induction for Postgraduates - Small group Teaching* in the Sc, Two weeks Course at the Graduate School of Durham University, 2008/2009.
- *Teaching Induction for Postgraduates – Demonstrating*, Two weeks Course at the Graduate School of Durham University, 2008/2009.
- *Teaching Induction for Postgraduates - Assessment in the Sciences*, Two weeks Course

at the Graduate School of Durham University, 2008/2009.

- ***Working Lunch - Public Sector***, One Day Course at the Graduate School of Durham University, 2008/2009.
- ***Starting Your Doctorate***, One week Course at the Graduate School of Durham University, 2008/2009.
- ***Postgraduate Researcher Induction***, One week Course at the Graduate School of Durham University, 2008/2009.
- ***Reviewing Your Teaching***, One week Course at the Graduate School of Durham University, 2009/2010.
- ***Introduction to LaTeX***, 2 weeks Course at the Graduate School of Durham University, 2009/2010.
- ***Long Documents in Word***, One Day Course at the Graduate School of Durham University, 2010/2011.
- ***Sentence Structure Workshop***, One Day Course at the Graduate School of Durham University, 2010/2011.
- ***Introduction to Giving Presentations: Delivering***, One Day Course at the Graduate School of Durham University, 2010/2011.
- ***An introduction to Linux***, One week Course at the Graduate School of Durham University, 2011/2012.
- ***Finding and managing information for your PhD***, One Day Course at the Graduate School of Durham University, 2011/2012.
- ***Literature Reviews in Science and Engineering***, Two weeks Course at the Graduate School of Durham University, 2011/2012.
- ***The Basis of Thesis Writing***, One Day Course at the Graduate School of Durham University, 2011/2012.
- ***Communication Skills for All Occasions***, One Day Course at the Graduate School of Durham University, 2011/2012.
- ***Durham University Learning and Teaching Award***, Two Months Course at the Graduate School of Durham University, 2011/2012.
- ***Preparing For Your Viva***, One Day Course at the Graduate School of Durham University, 2011/2012.



## **MEMBER OF COMMITTEES:**

- 2014-Now: ***Head of MIS Department Council*** at the Faculty of Business Administration, the University of Jordan.
- 2012-2014: ***Member of MIS Department Council*** at the Faculty of Business Administration, the University of Jordan.
- 2014-Now: ***Member of the curriculum Committee at the Faculty of Business Administration***, The University of Jordan.
- 2014-Now: ***Member of Faculty of Business Administration council***, The University of Jordan.
- 2013-Now: ***Member of Students Supervision Committee*** at Deanship of Student Affairs, the University of Jordan.
- 2013-Now: ***Member of Students Cases Investigations Committee*** at Faculty of Business Administration, the University of Jordan.
- 2013-Now: ***Member of Students Cases Investigations Committee*** at Faculty of Business Administration, the University of Jordan.
- 2013-Now: ***Member of Computerizing Outpatients and Inpatients Clinics committee***, Jordan University Hospital, Jordan.
- 2013-Now: ***Head of Computerizing All the Administration Procedures committee***, Jordan University Hospital, Jordan.
- 2012-2013: ***Member of Faculty of Business Administration Council***, the University of Jordan.
- 2013-2014: ***Member of the Evaluation Courses Committee*** at the Faculty of Business Administration, Jordan.
- 2012-2014: ***Member of the Students Election Committee*** at the Faculty of Business Administration at the University of Jordan, Jordan.
- 2011-2012: ***Member of School of Engineering and Computing Sciences Council*** as Postgraduate Representative at Durham University, United Kingdom.
- 2010-2012: ***Member of Ustinov Graduate Common Room Council***, Durham University, United Kingdom.
- 2009-2012: ***Member of Dryburn Council***, Durham University, United Kingdom.

## CONSULTANCY

- *Consultant for Computerizing Outpatients and Inpatients Clinics*, Jordan University Hospital, Amman - Jordan (2013-2014).
  - *Consultant for Computerizing All the Administration Procedures*, Jordan University Hospital, Amman - Jordan (2013-2014).
- 

## TALKS, PRESENTATIONS AND POSTERS:

### ➤ CONFERENCES PRESENTATION & SEMINARS:

- **Maqableh, M.**, "Security of Cloud Computing Environment", in the 23rd IBIMA Conference on Vision 2020: Sustainable Growth, Economic Development, and Global Competitiveness, Valencia, Spain, 13-14th May(2014).
  - **Maqableh, M.**, Fast Parallel Keyed Hash Functions Based on Chaotic Maps (PKHC), in Western European Workshop on Research in Cryptology. 2011: Weimar – Germany (2011).
  - **Maqableh, M.**. Fast Hash Function Based on BCCM Encryption Algorithm for E-Commerce (HFBCCM). 5th International Conference on e-Commerce in Developing Countries: with focus on export. 2010: Kish Island – Iran (2010).
  - **Maqableh, M.**, Cryptanalysis of Chaos-based Hash Function (CBHF). First International Alternative Workshop on Aggressive Computing and Security (iAWACS). Laval – France (2009).
  - **Maqableh, M.**, Cryptography Primitives based on Chaotic Maps. Proceedings of Research Day 2009. Page 57, 26 June 2009. School of Engineering and Computer Sciences, Durham University, Durham - United Kingdom.
- 

### ➤ POSTERS:

- **Maqableh, M.**, Security Primitives based on Chaotic Maps for E-Commerce. Proceedings of Research Day 2010. (Poster Section). School of Engineering and Computer Sciences, June 2010, Durham University, Durham - United Kingdom.

### **AWARD RECEIVED:**

Jordan University's Scholarship for the PhD study at Durham University in United Kingdom

### **LANGUAGES:**

- *Arabic* Mother Tongue
  - *English*- Reading skills Excellent
    - Writing skills Excellent
    - Speaking skills Excellent
  - ✓ Excellent presentation and communication skills in both languages.
- 

### **REFERENCES:**

- **Dr. Rifat O. Shannak**  
Associate Professor, Faculty of Business, Management Information Systems, *University of Jordan*, Amman, Jordan. E-mail: [r\\_shannak@yahoo.com](mailto:r_shannak@yahoo.com)
- **Dr. Stefan Danchev**  
Associate Professor, School of Computer Sciences, Durham University, Durham, United Kingdom. E-mail: [s.s.danchev@durham.ac.uk](mailto:s.s.danchev@durham.ac.uk)
- **Dr. Rosni Abdullah**  
Associate Professor, Dean of School of Computer Sciences, University Sains Malaysia (USM), Malaysia. E-mail: [rosin@cs.usm.my](mailto:rosin@cs.usm.my)
- **Dr. Ismail Ababneh**  
Dean of Prince Hussein Bin Abdullah College for Information Technology, Al al-Bayt University, Jordan. . E-mail: [ismael@alalbayt.aabu.edu.jo](mailto:ismael@alalbayt.aabu.edu.jo)