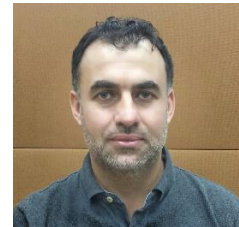


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## EDUCATION

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- Ph.D. in Computer Science* 2014  
University of Ottawa / Canada  
Thesis Title: "Towards Folksonomy-based Personalized Services in Social Media"
- M.Sc. in Computer Science* 2009  
University of Ottawa / Canada  
Thesis Title: "Seamless Video Handoff in Session Mobility over the IMS Network"
- B.Sc. in Computer Science* 1994  
Yarmouk University/ Jordan

## PUBLICATION

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### REFEREED JOURNALS

- [1] M. Rawashdeh, MGH. Al Zamil, S. Samarah, MS. Hossain, G. Muhammad. "A knowledge-driven approach for activity recognition in smart homes based on activity profiling". *Future Generation Computer Systems*, 2017
- [2] M. Rawashdeh, M. Shorfuzzaman, AM. Artoli, MS. Hossain, A. Ghoneim. "Mining tag-clouds to improve social media recommendation". *Multimedia Tools and Applications*, 76(20), 21157-21170
- [3] M. Rawashdeh, A. Alnusair. "Models for Multimedia Mobile Cloud in Smart Cities". *Multimedia Systems*, 1-10, 2017
- [4] A. Alnusair, C. Zhong, M. Rawashdeh, MS. Hossain, A. Alamri. "Context-aware multimodal recommendations of multimedia data in cyber situational awareness". *Multimedia Tools and Applications*, 1-21, 2017
- [5] M. Zamil, S. Samarah, M. Rawashdeh, MA. Hossain. "An ODT-based abstraction for mining closed sequential temporal patterns in IoT-cloud smart homes". *Cluster Computing*, 1-15, 2017
- [6] S. Samarah, M. Zamil, A. Aleroud, M. Rawashdeh, M. Alhamid, A. Alamri. "An Efficient Activity Recognition Framework: Toward Privacy-Sensitive Health Data Sensing". *IEEE Access*, 5, 3848-3859, 2017
- [7] M. Rawashdeh, M. Alhamid, J. Aljaam, A. Alnusair, A. El Saddik. "Tag-based personalized recommendation in social media services". *Multimedia Tools and Applications*, 75, 21, 13299-13315, 2016
- [8] L. Hu, J. Wang, E. Song, A. Ksentini, MA. Hossain, M. Rawashdeh. "SDN-SPS: Semi-Physical Simulation for Software-Defined Networks". *IEEE Sensors*, 16, 20, 7355-7363, 2016

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- [11] M. Alhamid, M. Rawashdeh, MA. Hossain, A. Alelaiwi, A. El Saddik. "Towards context-aware media recommendation based on social tagging". *Journal of Intelligent Information Systems*, 46,3, 499-516, 2016
- [12] M. Rawashdeh, M. Shorfuzzaman, AM. Artoli, MS. Hossain, A. Ghoneim. "Mining tag-clouds to improve social media recommendation". *Multimedia Tools and Applications*, 1-14, 2016
- [13] M. Alhamid, M. Rawashdeh, H. Al Osman, MS. Hossain, A. El Saddik. "Towards Context-Sensitive Collaborative Media Recommender System". *Multimedia Tools and Applications*, 74,24, 11399-11428, 2015
- [14] A. Alelaiwi, A. Alghamdi, M. Shorfuzzaman, M. Rawashdeh, MS. Hossain. "Enhanced engineering education using smart class environment". *Computers in Human Behavior*, 51, 852-856, 2015
- [15] MS. Hossain, M. Masud, G. Muhammad, M. Rawashdeh, M. Hassan. "Automated and user involved data synchronization in collaborative e-health environments". *Computers in Human Behavior*, 30, 485-490, 2014
- [16] M. Rawashdeh, HN Kim, J. Alja'am, A. El Saddik. "Folksonomy link prediction based on a tripartite graph for tag recommendation". *Journal of Intelligent Information Systems*, 40(2):307-325, 2013
- [17] HN. Kim, M. Rawashdeh, A. Alghamdi, A. El Saddik. "Folksonomy-based personalized search and ranking in social media services". *Information Systems*, 37(1): 61-76, 2012

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- [2] M. Rawashdeh, A. Alnusair, N. Mustafa, M. Migdadi. "Multimedia Mobile Cloud Computing: Application models for performance enhancement". In *Proceedings of the IEEE International Conference on Multimedia & Expo Workshops (ICMEW)*, USA, 2016
- [3] M. Rawashdeh, M. Alhamid, MA. Hossain, A. El Saddik. "Boosting tag-based search in social media sites". In *Proceedings of the 2nd IEEE International workshop on Mobile Multimedia Computing (MMC)*, Italy , 2015
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- [5] MA. Hossain, A. Alamri, M. Alhamid, M. Rawashdeh, A. Alnusair. "Collaborative recommendation of ambient media service in pervasive environments". In: *Proceedings of the 2nd workshop on Information Systems & Management in Multimedia Art, Education, Entertainment and Culture (MIS-MEDIA)*, china , 2014
- [6] HN. Kim, M. Rawashdeh, A. El Saddik. "Tailoring Recommendations to Groups of Users: A Graph Walk-based Approach". In: *Proceedings of the international conference on User Intelligent User Interfaces (IUI)*, USA, 2013

- [7] M. Alhamid, M. Rawashdeh, H. Al Osman, A. El Saddik. "Leveraging biosignal and collaborative filtering for context-aware recommendation". In: Proceedings of the 1st ACM international workshop on Multimedia indexing and information retrieval for healthcare (MIIRH), Spain, 2013
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- [10] M. Bloess, HN. Kim, M. Rawashdeh, A. El Saddik. "Knowing Who You Are and Who You Know: Harnessing Social Networks to Identify People via Mobile Devices". In: Proceedings of the 19th international conference on International Conference on Multimedia Modeling (MMM), volume 7732 of Lecture Notes in Computer Science, China, 2013
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- [12] M. Rawashdeh, HN. Kim, A. El Saddik. "Folksonomy-boosted social media search and ranking". In: Proceedings of the 1st ACM International Conference on Multimedia Retrieval (ICMR), Italy, 2011
- [13] HN. Kim, M. Rawashdeh, A. El Saddik. "Leveraging collaborative filtering to Tag-Based personalized search". In: Proceedings of the 19th international conference on User Modeling, adaptation and Personalization (UMAP), volume 6787 of Lecture Notes in Computer Science, chapter 17, Spain, 2011
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## ACADEMIC EXPERIENCE

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<i>Assistant Professor</i> Chair Department of Business Information Technology Princess Sumaya University for technology / Jordan	9/2015–Present
<i>Postdoctoral Research Fellow</i> New York University Abu Dhabi / UAE	10/2014–9/2015
<i>Postdoctoral Research Fellow</i> University of Ottawa / Canada	5/2014–10/2014
<i>Research Associate</i> Qatar University/ Qatar	1/2014–4/2014
<i>Lecturer</i>	9/2011–5/2012

University of Ottawa/ Canada

*Teaching Assistant*

1/2010–8/2011

University of Ottawa/ Canada

*Lecturer*

9/2009–12/2009

University of Ottawa/ Canada

*Research Assistant*

1/2008–7/2009

University of Ottawa/ Canada

*Teaching Assistant*

1/2003–6/2005

University of Ottawa/ Canada

*Teaching Assistant*

9/1998–6/1999

Long Island University/ USA

## **INDUSTRY EXPERIENCE**

---

*Technical Support Specialist*

5/2005–12/2007

Converges / Canada

*Desktop Support Administrator*

9/1999–8/2002

GSI System Solutions/ USA

*Software Developer*

8/1996–7/1998

Callaway Golf Trading Inc/ Germany

*Instructor*

9/1994–7/1995

Irbid Center for Software/ Jordan

## **AFFLIATION**

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- IEEE member

## **AWARDS**

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- University of Ottawa Dean's Scholarship in 2014
- University of Ottawa GSAÉD grant in 2013
- Multimedia Modeling (MMM) conference travel grant in 2012
- University of Ottawa graduate travel grant in 2010 and 2012
- User Modeling, Adaptation and Personalization (UMAP) conference travel grant in 2011
- University of Ottawa Excellence Scholarship in 2009