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ACADEMIC QUALIFICATIONS

- EngDoc, Engineering Doctorate in Computer Science, Centre of Innovative and Collaborative Engineering, Loughborough University, July 2008
- PGCert, Post Graduate certificate in Innovation and Management with Distinction– Loughborough University, December, 2006
- MSc. Multimedia and Internet computing- Loughborough University, 2003
- BSc. Computer science- American University of Beirut, Lebanon, July 2001
- Baccalaureate Degree (Science) – Tripoli Evangelical School, Lebanon, June 1998

CAREER SUMMARY

- **Princess Sumaya University for Technology**, 29 March 2017 - To date
Position: Associate Professor of Computer Science
- **Princess Sumaya University for Technology**, September 2008- To date
Position: Assistant Professor of Computer Science
- **Loughborough University**, October 2004- May 2008
Position: Part time Teaching Assistant
- **Khatib and Alami Consolidated Engineering Company**, November 2001 - June 2002
Position: GIS (Geographical information systems) Developer

INTERNATIONAL PROJECTS INVOLVED IN

- DUNIA BEAM / Erasmus Mundus Action 2 - Lot 2 project (Jordan, Lebanon, Syria, Palestine) coordinated by the University of Pavia (Italy).
Project Aim: The DUNIA BEAM project aims to contribute to the strengthening of the cooperation between European Union Higher Education Institutions and Middle-East country Institutions, specifically with Jordan, Lebanon, Palestine and Syria, by facilitating the mobility of students, researchers and academic and administrative staff through a scholarships scheme, curriculum development of the individuals, the transfer of know-how in international mobility and the exchange of best practices.
Project Consortium: DUNIA BEAM consortium includes 11 Universities from lot-2 countries (3 from Jordan, 3 from Lebanon, 3 from Palestine and 2 from Syria) and 9 Universities from Europe.
- MED-DIALOGUE: A project co-funded by the European Union Framework Programme 7.
Project Aim: MED-Dialogue is a bridge for a two-way cooperation between the MPC and the EU aiming at four main objectives:
 - Support through a flexible modular approach the Dialogue between EU and the Region by preparing focused Position Papers on the issues relevant for the EU-MPC research cooperation in Horizon 2020.
 - Raise awareness on the Horizon 2020 Calls and assist the organisations in the region to prepare proposals and find partners in order to increase their participation in the Programme.
 - Support the EC in the preparation of future Horizon 2020 work-programmes, by identifying the strengths and opportunities in the MPC (through the identified and validated ICT priorities) for mutually beneficial cooperation.
 - Support the coordination of International Cooperation instruments in the MPC by exploiting synergies of running projects and make recommendations for future INCO activities in H2020.
- RefuGIS: A project funded through a grant from the UNHCR Innovation Fund.
Project Description: RefuGIS is the world's first innovation project focused on building GIS and Information Management capacity among refugees living in Za'atari camp.

PUBLICATIONS

- **Tedmori, S.**, Awajan, A., “Sentiment Analysis Main Tasks and Applications: A Survey”, Accepted for publication in *Journal of Information Processing Systems*. 2017
- **Tedmori, S.**, “Privacy Preserving Method for Knowledge Discovered by Data Mining”, Accepted for publication in *International Journal of Information and Communication Technology*. 2017
- Alzubi, O., Alzubi, J., **Tedmori, S.**, Rashaideh, H., and Almomani, O., “Consensus-Based Combining Method for Classifier Ensembles”, accepted for publication in the *International Arab Journal of Information Technology*. 2017
- Alsaadi, M., Qasaimeh, M., **Tedmori, S.**, and Almakadmeh, K. “Support for HIPAA Security and Privacy Requirements Auditability in Extreme Programming Environments”. *International Journal of Information Systems in the Service Sector (IJISSS)*, to appear in Vol 9. No. 1, 2017
- Biltawi, M., Awajan, A., **Tedmori, S.** and Al-Kouz, A. (2016). “Exploiting Multilingual Wikipedia to improve Arabic Named Entity Resources”, in *International Arab Conference on Information Technology*, Sultan Moulay Slimane University, Beni Mellal, Morocco
- Al-Najdawi, N., **Tedmori, S.**, Alzubi, O., Alzubi, J. 2016. A Frequency Based Hierarchical Fast Search Block Matching Algorithm for Fast Video Communication, in *International Journal of Advanced Computer Science and Applications* Vol 7, No 4.
- **Tedmori, S.**, Al-Lahaseh, R. (2016) “Towards a Selfie Social Network with Automatically Generated Sentiment-Bearing Hashtags” in *Proceedings of the 7th International Conference of Computer Science & Information Technology*, Amman.
- Bilito, M., Etaiwi, W., **Tedmori, S.**, Hudaib, A. and Awajan, A. (2016) “SENTIMENT CLASSIFICATION TECHNIQUES FOR ARABIC LANGUAGE: A SURVEY”, *The 7th International Conference on Information and Communication Systems*, Amman.
- Hattab, E., **Tedmori, S.**, Tahhan, A. (2015). “Boosting Collaborative Filtering by Trust”, *Eighth International Conference on Developments in e-Systems Engineering (DeSE2015)*, December 2015
- Najdawi, N., Biltawi, M., **Tedmori, S.** (2015), “Mammogram image visual enhancement, mass segmentation and classification”, *Applied Soft Computing* 35, 175-185
- Hamdan, S., Al-Qassas, R. S. and **Tedmori, S.** (2015), “Comparative Study on Sybil Attack Detection Schemes”, *International Journal of Computers & Technology*, Vol 14. No. 7, pp 5869-5876.
- Zeglat, D., **Tedmori, S.** (2014) Assessing the Importance of E-Service Quality Dimensions and Attributes: Perspective of Facebook’s Users, *International Business Research.*, Vol 7. No. 7.
- Muhareb, H., **Tedmori, S.**, Hasan, K. (2014), “Automatic Expert Diagnostic System for CRC Detection”, *Ubiquitous Computing and Communication Journal*, Vol 9, No 3, pp 1468-1471
- **Tedmori, S.**, Najdawi, N. (2014), “Image Cryptographic Algorithm Based on the Haar Wavelet Transform”, *Information Sciences Journal*, vol 269, pp 21–34
- **Tedmori, S.**, “Combining Stochastic Filters with Fast Search Motion Estimation Algorithms: Performance Analysis”, the *International Conference on Multimedia Computing and Systems*, April 14-16, 2014, Marrakesh, Morocco.
- Al-Najdawi, N., Al-Najdawi M.Noar, **Tedmori, S.** Employing a Novel Cross-Diamond Search in a Modified Hierarchical Search Motion Estimation Algorithm for Video Compression, *Elsevier Information Sciences* (2013), 10.1016/j.ins.2013.08.009.
- Sadah, Y., Najdawi, N., **Tedmori, S.**, (2013) ”Exploiting Hybrid Methods for Enhancing Digital x-Ray Images”, *International Arab Journal of Information Technology*, Vol 10. No 1., pp 28-35.
- Beltawi, M., Al-Najdawi, N., **Tedmori, S.** (2012) “Mammogram Enhancement and Segmentation Methods: Classification, Analysis, and Evaluation”, *The 13th International Arab Conference on Information Technology*, pp 477-485, Jordan.

- **Tedmori, S.**, Najdawi, N., (2012) "Lossless Image Cryptography Algorithm based on Discrete Cosine Transform", *International Arab Journal of Information Technology*, Vol 9, No 5, pp 471-478.
- Jackson, T., **Tedmori, S.**, Hinde, C., and Bani-Hani, A. (2012). "The Boundaries of Natural Language Processing Techniques in Extracting Knowledge from Email", *Journal of Emerging Technologies in Web Intelligence*, Vol 4, No 2 (2012), 119-127.
- **Tedmori, S.** and Jackson T.W., (2012) "The Design and Evaluation of EKE, a Semi Automated Email Knowledge Extraction Tool", *Knowledge Management and Research Practice Journal*, Volume 10, issue 1, pp. 79-88.
- **Tedmori, S.** and Najdawi, N., (2012) "Hierarchical Stochastic Fast Search Motion Estimation Algorithm", *Journal of IET Computer Vision*, Vol 6, No 1, pp 21-28
- Najdawi, N., **Tedmori, S.** Bez, H., Edirisinghe, E., (2012). "An Automated Real-Time People Tracking System Based on KLT Features Detection", *International Arab Journal of Information Technology*, Volume 9, No. 1. , pp 100-107.
- Jackson, T.W., **Tedmori, S.**, Hinde, C.J., and Bani-Hani, A.I. (2011) "Review of Knowledge Extraction from Email: The Boundaries of Natural Language Processing Techniques", *Proceedings of the 2nd International Conference on Information and Communication Systems*, Irbid, Jordan
- van Reijsen, J., Helms, R., Jackson, T.W., Vleugel, A., and **Tedmori, S.** (2009)," Mining E-mail to Leverage Knowledge Networks in Organizations", *Proceedings of 10th European Conference on Knowledge Management and Evaluation*, Università Degli Studi Di Padova, Vicenza, Italy.
- **Tedmori, S.** and Jackson T.W. (2009),"Assessing the Value of an Email Knowledge Extraction System", *Knowledge and Process Management*, Vol 16, No. 2, pp. 65-73.
- Lichtenstein, S., **Tedmori, S.**, and Jackson, T.W. (2008) "Socio-ethical Issues for Expertise Location from Electronic Mail", *International Journal of Knowledge and Learning*, Vol. 4, No.1 pp. 58 - 74
- **Tedmori, S.**, Lichtenstein, S. and Jackson, T.W. (2007), "Expertise Location Using Keyphrases in Electronic Mail: Socio-ethical Challenges", *Proceedings of the Australian Conference for Knowledge Management & Intelligent Decision Support*, Melbourne, Australia.
- **Tedmori, S.**, Jackson, T.W., Bouchlaghem, N.M. and Newcombe, M. (2007), "Information Seeking and Sharing Behaviour of a UK Police Force", *Proceedings of the Eighth European Conference on Knowledge Management*, Barcelona, Spain, pp. 982 - 988.
- **Tedmori, S.**, Jackson, T.W. and Bouchlaghem, N.M. (2007), "Optimising the Email Knowledge Extraction System to Support Knowledge Work", *Proceedings of the 15th European Conference on Information Systems*, St Gallen, Switzerland, pp. 681-691.
- **Tedmori, S.**, Jackson, T.W. and Bouchlaghem, N.M. (2007), "The Email Knowledge Extraction (EKE) System: Discovering the Limitations of Natural Language Processing", *Proceedings of the 15th International Software Quality Management*, Stafford, UK.
- **Tedmori, S.**, Jackson, T.W. and Bouchlaghem, D.,(2006) "Locating Knowledge Sources Through Keyphrase Extraction", *Knowledge and Process Management*, vol. 13, no. 2, pp. 100-107.
- **Tedmori, S.**, Jackson, T.W., Bouchlaghem, N.M. and Nagaraju, R.(2006), "Expertise Profiling: Is Email Used to Generate, Organise, Share or Leverage Knowledge", *Proceedings of the 11th International Conference on Computing in Civil and Building Engineering*, ed. H. Rivard, Quebec, Canada, pp. 179.
- **Tedmori, S.**, Jackson, T.W., Bouchlaghem, D., Adelman, H. and Nagaraju, R. (2006). "Building a Tool for Expertise Discovery", *Information Resources Management Association Conference*, ed. M. Khosrow-Pour, Idea Group Publishing, Washington, pp.1053.
- **Tedmori, S. M.**, Jackson, T.W., EKE: A Tool For Email Knowledge Extraction, *Postgraduate Research Conference in Electronics, Photonics, Communications and Networks, and Computing Science conference (PREP 2005)*, Lancaster, UK, April 2005.
- Jackson, T.W. & **Tedmori, S.** (2004)."Capturing and Managing Electronic Knowledge: The Development of the Email Knowledge Extraction", *The International Resource Management Association Conference*, Idea Group, New Orleans, USA, May 2004, pp. 463-466.