Curriculum Vitae (CV)

Personal Information	• Name**: MARWAN AHMAD TALAL AL-TAWIL** • Nationality**: Jordanian** • Gender**: Male** • Address**: CIS Department – King Abdullah II School of Information Technology – University of Jordan – Amman – Jordan** • Phone: + **962 – 65355000 Ext: 22573** • E-mail: **m.altawil@ju.edu.jo**
Research Interests	• My research interests lie in the field of graph databases and semantic data, particularly in developing computational methods and algorithms to support interactive exploration over big data graphs.
Academic Qualifications	• B.Sc. Computer Information Systems (90.2 Excellent) • M.Sc. Information Systems (3.67 Excellent) • PhD. Computer Science (University of Leeds - UK) Thesis Title: Intelligent Support for Exploration of Data Graphs.
Publications	• **Al-Tawil, M., Dimitrova, V., Thakker, D., Alexandra Poulovassilis.:** Evaluating Knowledge Anchors in Data Graphs against Basic Level Objects. In: Proceedings of International conference on Web Engineering (2017). • **Al-Tawil, M., Dimitrova, V., Thakker, D., Bennett, B.:** Identifying Knowledge Anchors in a Data Graph. In: Proceedings of the 27th ACM Conference on Hypertext and Social Media (2016). • **Al-Tawil, M.:** Intelligent Nudging to Support Interactive Exploration of Big Data Graphs, in: HT 2016 – Doctoral Consortium. 27th ACM Conf. In Hypertext and Social. Media (2016). • **Poulovassilis, A., Al-Tawil, M., Frosini, R., Dimartino, M., Dimitrova, V.:** Combining Flexible Queries and Knowledge Anchors to facilitate the exploration of Knowledge Graphs. In: Proceedings of Intelligent Exploration of Semantic Data @ International Semantic Web Conference (2016). • **Al-Tawil, M., Dimitrova, V., Thakker, D.:** Using Basic Level Concepts in a Linked Data Graph to Detect User's Domain Familiarity. In: Proceedings of User Modelling Adaptation and Personalisation conference (2015). • **Al-Tawil, M., Thakker, D., Dimitrova, V.:** Nudging to Expand User's Domain Knowledge while Exploring Linked Data. In: Proceedings of Intelligent Exploration of Semantic Data @ ISWC (2014).

Awards	• **BEST** master theses, CIS department, University of Jordan, 2010. • **ACM** award – HT2016. • **UMAP2016** – Student Support • **UMAP2015** – Student Support
PC Member	• UMAP2014 • IESD@ISWC2014 • Hypertext2015 • IESD2015 • Hypertext2016 • IESD2016 • HAPPIE2017 • UMAP2017 • ICWE2017 • HAPPIE2018

Conferences

#	Conference Name	Dates
1.	Electronic Transaction, Facts and Challenges. Amman, JORDAN	17-18/10/2011
2.	Electronic and Mobile Payment. Amman, JORDAN	12/12/2012
3.	13th International Semantic Web Conference. Trentino, ITALY	19-23/10/2014

4.	23rd International Conference on User Modelling,
	    Adaptation and Personalization.
	    Dublin, IRELAND
		29/06/2015-
		03/07/2015

5.	27th Conference on Hypertext and Social Media. Halifax, CANADA	10-13/07/2016
6.	17th International Conference on Web Engineering. Rome, ITALY	05/06/2015
7.	4th UK Ontology Network Meeting. Leeds, UK	14/04/2015
6.	5th UK Ontology Network Meeting. Newcastle, UK	14/04/2016

Workshops

#	Workshop Name	Workshop Date
1.	To See what Isn't There - Visual Analysis of Missing Data	13/02/2015
2.	Dealing with Cultural Diversity- Challenges and Opportunities of User adaptive Systems	06/03/2015
3.	A cognitive Approach to Everyday Route Selection	13/03/2015
4.	Interactive Methods to Support Data-Rich Scientific Research.	05/06/2015
5.	Emerging Big Data Analytics in Services Computing	18/05/2015
6.	How Big Data is Revolutionizing the Digital Economy & IoT	29/07/2016
7.	Ideas for Practice - Big Data	08/07/2017
8.	Big Data Analytics	11/05/2016

Invited speaker

#	Event	Dates
1.	Fourth UKON meeting at Leeds University	April 2014
2.	Birkbeck, University of London	March 2016
3.	Fifth UKON meeting at Newcastle University	April 2016
4.	University of Bradford	June 2016

Posters

#	Event	Dates
1.	School of Computing Symposioum, University of Leeds	Jan 2015
2.	UMAP2015, University of Dublin	July 2015
3.	Ideas in Practice - Big Data Conference	July 2016

Seminars

#	Seminar Name	Date
1.	Starting Your Research Degree	18/11/2013
2.	PGR Showcase 2013	02/12/2013
3.	Introduction to C++	16/12/2013
4.	Assessing Student Work	23/01/2014
5.	Search and Save Engineering	18/03/2014
6.	Working with Literature	20/03/2014
7.	Data Protection and Research	16/05/2014
8.	Preparing for Your Transfer	05/06/2014
9.	SPSS for Beginners	30/07/2014
10.	Being Enterprising and Innovative in Academia	04/06/2015
11.	Effective Poster Presentations (STEM)	16/06/2015
12.	Introduction to Effective Research Writing	22/07/2015
13.	Speed Reading and Mind Mapping	29/07/2015
14.	Excel for Research	09/09/2015
15.	Support for Professional Recognition 1	14/09/2015
16.	Support for Professional Recognition 2	14/09/2015
17.	Project Managing Your Research Degree	15/09/2015
18.	Time Management Your Research Degree	15/09/2015
19.	CIEH Level 2 Health and Safety	20/03/2015
20.	Giving Effective Seminar / Conference presentations	08/06/2016
21.	Interview Skills Training	30/06/2016
22.	Evaluating Dev Teaching	24/05/2016
23.	A-Z of Publication	17/03/2016
24.	Powerpoint Techniques	30/09/2016
25.	Elsevier Writing for Publication	03/10/2016

Professional experience	**1. Vocational Training Corporation –** Irbid – Jordan.
	    Computer Trainer (21/10/2006 – 30/05/2007)
	   - Teach computer skills for students and employees.
	
	2. Central Bank of Jordan – Amman – Jordan
	 a) System Analyst and Developer Assistant
	    (01/07/2007 –16/04/2011).
	   - Define business requirements, and extract SRS documents.
	   - Maintain business requirements through Business Process Re-Engineering (BPR).
	   - Develop interface programs between local bank running systems and newly applied "COTS" / Outsourcing systems.
	   - Create context and Data flow diagrams.
	   - ORACLE Developer, PL/SQL, SQL*PLUS and Crystal Reports.
	   - Design user guides and manuals.
	   - Perform unit and regression testing.
	   - Define technical and security requirements for new systems.
	   - Report work progress using Key Performance Indicators (KPIs).
	   - Team leader for specialized IT tasks (at least 3 members).
	
	 b) E-Government and Software Administration Specialist
	    (17/04/2011 – 01/11/2013)
	   - Manage users privileges for applied applications.
	   - Manage the E-Government Portal for the Central Bank of Jordan.
	   - Administration of Oracle Applications Business Suit R12. Including Oracle Assets, Oracle Accounts Payables, Oracle HRMS, Oracle Payroll and Oracle General Ledger.
	   - Administration of E-Banking Applications.
	   - Administration of AvantGard Quantum Treasury and Risk Systems.
	   - Administration of One-Time Password (OTP) Application.
	   - Prepare the Functional Requirements, Security Requirement, Technical Requirements and Administration Requirements for newly COTS and outsourcing systems.

Projects	• AvantGard Quantum Treasury System. • Oracle Business Suit R12 Integration and Deployment. • E-Banking System Integration and Deployment. • Re-develop legacy systems (COBOL) into Oracle-based Systems. • One-Time Password (OTP) System Integration. • E-Banking System Interface Integration. • Configuration Managements.

Training Courses	Course Name	Organizer/Place	From Date	To Date
	Oracle Database 10g: Introduction to SQL	**STS/** Jordan	04/12/2007	09/12/2007
	Oracle Database 10g: Program with PL/ SQL	**STS/** Jordan	12/12/2007	16/12/2007
	Oracle Forms Developer 10g: Build Internet Applications	**STS/** Jordan	17/12/2007	21/12/2007
	Oracle Reports Developer 10g: Build Reports	**STS/** Jordan	23/12/2007	29/12/2007
	B.O Crystal Reports XIR2	**Pio-Teck/** Jordan	06/07/2008	08/07/2008
	Oracle Business Suit R12/ System Administrator	**Savvytek/** Jordan	19/10/2008	20/10/2008
	Oracle Business Suit R12/ General Ledger	**Savvytek/** Jordan	21/10/2008	27/10/2008
	Oracle Business Suit R12/ Accounts Payables	**Savvytek/** Jordan	28/10/2008	03/11/2008
	Oracle Business Suit R12/ Fixed Assets	**Savvytek/** Jordan	04/11/2008	10/11/2008
	Oracle 9i Designer	**ITCC/** Jordan	10/07/2009	25/07/2009
	Practical Software Testing	**Quality Partners/** Jordan	10/08/2009	12/08/2009
	Analysis and Predicting Using E-Views Program	**Banking Studies Institute/** Jordan	21/07/2009	25/07/2009
	E-Banking System, System Users	**Estarta/** Jordan	02/02/2010	02/02/2010
	E-Banking System, System Administration	**Estarta/** Jordan	04/02/2010	04/02/2010
	E-Banking System, System Support	**Estarta/** Jordan	07/02/2010	07/02/2010
	Total Quality Management	**Banking Studies Institute/** Jordan	28/07/2010	28/07/2010
	Entrust IdentityGuard, System Concepts and configuration	**SMS/** Jordan	17/01/2011	18/01/2011
	IBM Tivoli Service Request Manager 7.2 Fundamentals	**Jupiter 2000/** Egypt	17/04/2012	19/04/2012
	IBM Tivoli Change and Configuration Management Database 7.2 Fundamentals	**Jupiter 2000/** Egypt	22/04/2012	24/04/2012

Languages	**Language**	**Language Levels**		
		Reading	Writing	Conversation
	Arabic	Excellent	Excellent	Excellent
	English	Excellent	Excellent	Excellent
	Greek	Good	Good	Excellent