Dr. Emmad Saadeh *PhD, MSc, BSc, MCDBA, MCSD, MCP, Java*

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Date of Birth: 20-01-1973
Material Status: Married

SUMMARY OF QUALIFICATIONS

Highest Education Achieved: PhD (Computer Science - Software Engineering).

Summary:

My PhD is in the field of Software Engineering. I specialized in Software Evolution, Refactoring and Merging. During my fifteen years of experience, I worked in teaching and training. I taught many academic courses at university level, also, conducted and managed many technical courses for public students. Besides teaching, I also interest in software development, database designing, and system analysing. I have many technical certificates in: Java, software solution development and database administration.

EDUCATIONAL BACKGROUND

❑ 2006 – 2009   **PhD** in Software Engineering – University of Pretoria – South Africa
❑ 2003 – 2005   **M.Sc** Computer Science – Al-Quds University – Palestine
❑ 1991 – 1995   **B.Sc** Computer Science – University of Jordan – Jordan

SELECTED PUBLICATIONS

Papers

[1] EMMAD SAADEH and DERRICK G. KOURIE, *REFACTORING WITH ORDERED COLLECTIONS OF FINE-GRAIN TRANSFORMATIONS*. International Journal of Software Engineering and Knowledge Engineering. *Volume 23, Issue 03, pp. 309-339, April 2013. DOI: 10.1142/S0218194013500095.* **IMPACT FACTOR 0.447**

[2] Emmad Saadeh (2009). *Fine-Grain Transformations for Refactorings*. Ph.D. thesis.   University of Pretoria, South Africa.

  ** *Full PhD Thesis Located At:*
  https://staff.najah.edu/sites/default/files/Fine-Grain_Transformations_for_Refactorings.pdf

[3] Emmad Saadeh, Derrick G Kourie, An overview of using FGTs for Refactoring, *The 5th Faster/Espresso Workshop*, Pretoria, South Africa, 30th – 31th October, 2009.

[4] Emmad Saadeh, Derrick G Kourie, ACM 2009, Composite Refactoring Using Fine-Grained Transformations, *Proceedings of the Annual Conference of the South African Institute of Computer Scientists and Information Technologists, SAICSIT2009*, Vaal River, South Africa, 13th-14the October, 2009. Available At: http://portal.acm.org/citation.cfm?id=1632154

[5] Emmad Saadeh, Derrick G Kourie, Andrew B Boake, ACM/IEEE 2009, Fine-grain Transformations to Refactor UML Models, *International Conference on Software Engineering, Proceedings of the Warm Up*

Workshop for ACM/IEEE ICSE 2010. Pages 45-51, ISBN: 978-1-60558-565-9. South Africa, 2009. Available At: http://portal.acm.org/citation.cfm?id=1527048

[6] Emmad Saadeh, Derrick G Kourie, Andrew B Boake, ACM 2008, An Algorithm for Ordering Refactorings Based on Fine-Grained Model Transformations, *7th International Conference on Software Methodologies, Tools and Techniques*, Pages 225-243, ISSN: 0922-6389, SOMET08, October,2008, UAE. Available At: informatik.uni-trier.de/~ley/db/indices/a-tree/s/Saadeh:Emmad.html

[7] Saadeh, E., Kourie, D., and Boake, A. (2008). Model Refactorings as Logic-Based Fine-Grain Transformations. *Proceedings of the 9th African* Conference *on Research in Computer Science and Applied Mathematics*, 703-710, ISBN: 2-7261-1299-4, Rabat, Morocco. Available At: http://www.cari-info.org/actes2008/saadeh.pdf

Books

[1] Emad Saadeh, & others "*A Guidebook for New Practitioners Computer Information Systems – Apprenticeship Model*". (192 pages). Funded By World Bank. 2017.

[2] Emmad Saadeh, Derrick G Kourie, Andrew B Boake, IOS Press Book Online, "*An Algorithm for Ordering Refactorings Based on Fine-Grained Model Transformations*", Frontiers in Artificial Intelligence and Applications, IOS Press Book Online, ISBN: 978-1-58603-916-5. Volume 182, 2008. Available At: http://www.booksonline.iospress.nl/Content/View.aspx?piid=11038

Funded Projects

[1] "*Authoring a guidebook for New Practitioners Computer Information Systems – Apprenticeship Model*". Funded by World Bank. 2016

[2] "*Linking with the Private Sector, IT Faculty Curriculum Reform*". Funded by QIF, 2015-2016

Other Activities

[1] "*Committee Member*" Worked on putting criteria for evaluating the applications for part time lecturing job in the university. 2017

[2] Supervised one of the winner projects in the "Second Undergraduate Research and Innovation Conference in Engineering and Information Technology" held in Palestine Technical University-Kadoorie, 2-3 April, 2017.

[3] "*Committee Member*" Worked on the project "The Quality Improvement Fund Project "Developing IT-Bridge Guidebook" /CELT, 2016

[4] Supervised the "TENDER" project which is one of the winner projects in IBDAA Competition. 2016

[5] Win a grant from IBDAA & Higher Innovation Council to establish a software company in Palestine. 2016

[6] During the period 2015-2016 (two years) I worked (design/teach/admin) on the project of "*Linking with the Private Sector, IT Faculty Curriculum Reform*". The project is funded by QIF.

[7] Visited University of Alicante (Spain) to present an intensive course of "Innovative teaching methodologies". 2015

[8] Design many e-learning courses inside the department.

RESEARCH INTERESTS

Software Evolution, Software Refactorings, Software Merging, Database, Human Computer Interactions.

TECHNICAL INTERNATIONAL CERTIFICATES

I have the following international technical certificates:

[1] Microsoft Certified Solution Developer (**MCSD**)

[2] Microsoft Certified Database Administrator (**MCDBA**)

[3] Sun Certified Programmer for **Java2** Platform

[4] **Graphic Designing & Communication** – Extensive Multimedia courses for two months in *INDIA*

INTERNATIONAL COURSES

[1] "Design Course Outline" – International course for two weeks in University of Alicante, SPAIN. May-2015.

[2] Advanced Software Engineering Course – In the 5th IFIP Summer School on Software Technology and Engineering. From 28 March to 2 April 2009. *Cape Town, SOUTH AFRICA.*

[3] Graphic Designing & Communication – Under ITEC/SCAAP program sponsored by Ministry of External Affairs, GOI. From 10 January to 20 February 2007. *South Extn., New Delhi, INDIA.*

[4] Workshop on the Ph.D by Publication: "The Swedish Experience" . The Supervision And Examination Of A Ph.D By Publication. From 29 September to 30 September 2009. Wits University - South Africa.

[5] IEEE 125 Celebration—CMMI Bootcamp Workshop. By Prof. Chuck Myers. On Monday 12 October 2009. Vaal River, South Africa.

PROFESSIONAL EXPERIENCE

Feb 2013 – Present	Title:	Assistant Professor
	University:	**AL-Najah National University–Palestine**
Aug 2011 – Feb 2013	Title:	Assistant Professor **(Head of the Dept. Of Computerized Information Systems - CIS)**
	University:	**AL-Najah National University–Palestine**
Feb 2003 – Aug 2011	Title:	Assistant Professor (Dept. Of Computer Science)
	University:	**Arab American University–Palestine**
Mar 2009 – Dec 2009	Title:	Lecturer (School Of Computer Science)
	University:	**University of Witwatersrand/ South Africa**
	❑ Courses taught: *Operating Systems*	
Feb 2001 – Sept 2001	Title:	**IT Technical Trainer**
	Company:	**Galaxy Information Systems– Palestine**

July 1997–Feb 2002	Title:	Lecturer (Dept. Of Computer Science)
	College:	**Al_Rawdah Technical Community College - Palestine**
Sept 1995–June 1997	Title:	Lecturer (Dept. Of Computer Science)
	College:	**Arab Community College - Jordan**