

Dr.FERAS H. F. AL-TARAWNEH



Name: Feras Hamed Falah Al-Tarawneh
Nationality: Jordan
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EDUCATION

- ❖ 2009 – 2014 **Doctor of Philosophy** in Software Engineering specifically in Commercial Off-The-Shelf (COTS) Software Evaluation and Selection. UUM, Kedah, Malaysia.

- Supervisors: Assoc. Prof. Dr. FauziahBaharom
Assoc. Prof. Dr. Jamaiah H. Yahaya
- ❖ 2005 – 2006 **Master Degree** in Computer Information Systems, the Arab Academy for Banking and Financial Sciences, Amman, Jordan.

- Supervisor: Prof. Dr.Asim Al- Sheikh
- ❖ 2004 – 2005 **The High Diploma Degree** in Computer Information Systems, the Arab Academy for Banking and Financial Sciences, Amman, Jordan.
- ❖ 1998 – 2003 **Bachelor Degree** in Computer Science, Mu'tah University, AL-Karak, Jordan.

RESEARCH INTERESTS

One of my research interests is Software Engineering and the Component-based systems, especially evaluation and selection the Commercial Off-The-Shelf (COTS) software. I am also interested in software requirements, software quality and decision making process specifically in the Multi-Criteria Decision Making.

RESEARCH EXPERIENCES

- ❖ 2010 – 2013 Researcher Assistant: Research and Innovation Management Center (RIMC), UUM.
Advisor: Assoc. Prof. Dr. FauziahBaharom
- ❖ 2017 – 2019 Main researcher in project titled “*A New Method for Effective Evaluation and Selection HealthCare Commercial Software using Multi Criteria Decision Making Technique and GAP analysis*”,

WORK EXPERIENCES

- ❖ 2014 – 2021 Assistant Professor in Software engineering department, Faculty of science and information technology, AL-Zaytoonah University of Jordan, Amman, Jordan
- ❖ 2011 – 2012 Teaching assistant: Computer in Business Decision Making, School of Quantitative Sciences, College of Arts and Sciences, UUM.
- ❖ 2007 – 2008 Head of Computer Department in Jordanian Land Transport Company (IJLTC), AL Aqaba, Jordan.
- ❖ 2003 – 2007 Teaching the computer science, High Secondary School, Ministry of

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Education, Jordan.

PROJECT EXPERIENCES

- ❖ 2010 – 2013 Selecting COTS Software Using MCD Analysis Technique project, Ministry of High Education, Malaysia.
- ❖ 2017 – 2019 A New Method for Effective Evaluation and Selection HealthCare Commercial Software using Multi Criteria Decision Making Technique and GAP analysis. The Deanship of Scientific Research and Graduate Studies, Al-Zaytoonah University of Jordan, Amman, Jordan

TRAININGS

- ❖ Workshop on “التربية الاعلامية والمعلوماتية” held on 24-27/Oct/ 2021 by Jordan Media Institute, Al-Zaytoonah University of Jordan, Jordan.
- ❖ Workshop on “القياس والتقييم وبناء الاختبارات” held on Feb- 2016 by Al-Zaytoonah University of Jordan, Jordan.
- ❖ Workshop on Analytic Hierarchy Process (AHP) held on May- 2012 by Islamic & Policy Research Unit (IEPRU), International Islamic University Malaysia
The trainer: Prof. Dr. Rafikul Islam
- ❖ High Impact Journal Writing Workshop held on June- 2011 by UUM College of Arts and Sciences, UUM.
- ❖ International Computer Driving License (ICDL), May- 2005, organized by Ministry of Education, Jordan.
- ❖ Programming languages training: VB, VB.Net, and Oracle organized by Computer Center, Mu'tah University.

MEMBERSHIPS

- ❖ IEEE Membership.

PUBLICATIONS

Journals:

Al-Tarawneh, F.H., Al-Naimat, A.M., Abdel-Fattah, F., Al-Tarawneh, B.M. (2019). *An empirical study for the current practice of cots software selection in the jordan organizations*. ICIC Express Letters Volume 13, Issue 5, May 2019, Pages 357-365. **(Indexed in Scopus)**

Althunibat A., Zahrawi A., Tamimi, A., and **Altarawneh, F.** (2019). Measuring the Acceptance of Using Enterprise Resource Planning (ERP) System in Private Jordanian Universities Using TAM Model. IJJET 2019 Vol.9(7): 502-505 ISSN: 2010-3689 doi: 10.18178/ijjet.2019.9.7.1254. **(Indexed in Scopus)**

Abdel-Fattah F. Abdel-Fattah k.**Al-Tarawneh .F** and Al-Naimat A.(2019). DYNAMIC INTRUSION DETECTION TECHNIQUE FOR DYNAMIC MOBILE AD HOC NETWORK. ICIC Express Letters Part B: Applications, Volume 10(9). **(Indexed in Scopus)**

Tarawneh, F.,Baharom, F., &Yahaya, H. (2013). Toward Quality Model for EvaluatingCOTS Software, *International Journal of Advancements in Computing Technology (IJACT)*, (ISSN: 2005-8039,Vol 5, No 14, pp 112-125. **(Indexed in Scopus)**

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Tarawneh, F., Baharom, F., Yahaya, J. H., & Ahmad, F. (2011). Evaluation and Selection COTS Software Process: The State of the Art. *International Journal of New Computer Architectures and their Applications (IJNCAA)*, 1(2), 344-357. The Society of Digital Information and Wireless Communications, 2011 (ISSN: 2220-9085). Retrieved from <http://sdiwc.net/digital-library/web-admin/upload-pdf/00000031.pdf>

Conferences:

Tarawneh, F., Baharom, F., & Yahaya, H. (2013). COTS Component Quality Model. In *Proceeding of the 7th Malaysian Software Engineering International Conference (MySEC 2013)* held on December 20-21, Nov., 2013, Universiti Teknikal Malaysia Melaka (UTeM), Melaka, Malaysia.

Tarawneh, F., Baharom, F., Yahaya, J. H., & Zainol, A. (2011). COTS software evaluation and selection: A pilot study based in Jordan firms. In *Proceeding of the International Conference in Electrical Engineering and Informatics (ICEEI2011) held on 17-17 July 2011 at the Bandung* (pp. 1-5). Indonesia: IEEE.

Tarawneh, F., Baharom, F., Yahaya, J. H., & Zainol, A., Darus, N. M., Matt, Z. M., et al. (2011). *An Exploratory Investigation into Current Practice of Non Functional Requirements for COTS Software in Jordan Firms*. Paper presented at the International Soft Science Conference 2011 (ISSC2011), held on 23-25 November 2011 at the Ho Chi Minh, Vietnam. (Unpublished)

Tarawneh, F., Baharom, F., Yahaya, J. H., & Zainol, Mohd, H., A., Darus, N. M., Matt, Z. M., et al. (2012). *The Vendor and User Organizations Characteristics for COTS Software Evaluation and Selection*. Paper presented at the 6th Knowledge Management International Conference (KMICe 2012), 4 – 6 July 2012, Johor Bahru, Malaysia. (Unpublished)

Baharom, F., Hj. Yahaya, J., & **Tarawneh, F.** (2011). The Development of Software Evaluation and Selection Framework for Supporting COTS-Based Systems: The Theoretical Framework. In J. Mohamad Zain, W. Wan Mohd & E. El-Qawasmeh (Eds.), *Software Engineering and Computer Systems* (Vol. 179, pp. 133-143). Kuantan, Pahang, Malaysia: Springer Berlin Heidelberg.

Abdel-Fattah, F., Farhan, K.A., **Al-Tarawneh, F.H.**, Altamimi, F. (2019). Security challenges and attacks in dynamic mobile ad hoc networks MANETs. 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2019 - Proceedings 16 May 2019, Article number 8717449, Pages 28-33. **(Indexed in Scopus)**

Al-Tarawneh, F.H., Althunibat, A. (2019). Pilot study of healthcare cots software evaluation and selection. 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2019 - Proceedings 16 May 2019, Article number 8717402, Pages 311-314. **(Indexed in Scopus)**

Farhan, K.A., Abdel-Fattah, F., **Altarawneh, F.**, Lafi, M. (2019). Survey Paper on Multicast Routing in Mobile Ad-hoc Networks. 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2019 - Proceedings 16 May 2019, Article number 8717477, Pages 449-452. **(Indexed in Scopus)**

Althunibat, A., Al-Mahadeen, B.M., **Altarawneh, F.**, Qarem, F.A.A.N. (2019). The acceptance of using enterprise resource planning (ERP) system in higher education: A case study of Jordanian universities. 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2019 - Proceedings 16 May 2019, Article number 8717451, Pages 315-318. **(Indexed in Scopus)**