

CURRICULUM VITAE

Name: **Feras Hamed Falah Al-Tarawneh**

Department of Software Engineering

Faculty of Science and Information Technology

AL-Zaytoonah University of Jordan, Amman, Jordan



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1. Personal Data

Date of Birth: 16/5/1979

Nationality: Jordan

2. Education

- Ph.D. (Software Engineering specifically in Commercial Off-The-Shelf (COTS) Software Evaluation and Selection) 2014, UUM, Kedah, Malaysia
- M.Sc. (Computer Information Systems) 2006, the Arab Academy for Banking and Financial Sciences, Amman, Jordan
- B.Sc. (Computer Science) 2003, Mu'tah University, AL-Karak, Jordan.

3. Ph.D. Dissertation

“A FRAMEWORK FOR COTS SOFTWARE EVALUATION AND SELECTION FOR COTS MISMATCHES HANDLING AND NONFUNCTIONAL REQUIREMENTS”, UUM, Kedah, Malaysia.

4. Employment

- 2014 – 2020 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



Academic Positions

- Assistant Professor, Software engineering department, Faculty of science and information technology, AL-Zaytoonah University of Jordan, Amman, Jordan
September 25, 2014 – now

5. 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.

6. Membership in Scientific Societies and Associations

IEEE Membership

7. Teaching Experience

- *Graduate Courses*

*Advanced Software project management
Advanced Software Engineering
Advanced Software Requirements
Advanced Software Quality*

- *Undergraduate Courses*

*Database
Human Computer Interaction
Software Modeling and Analysis
Database Management
Software Quality Management
Software Architecture
Software Specifications and design
Systems Analysis & Design
Software Engineering Principles
Technical writing*

8. Supervision of Graduate Research

1. Mohammed SaadEldin Kamel, “A New Technique to Generate Use Caser and Class Diagrams From User’s Requirements Using Deep Learning”, 2020.



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2. Raneem Abdalrhman Dawood, “Propose New Quality Model for Children Mobile Learning Applications”, 2020.

9. Grants

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, 17000 JD.

10. Membership of Committees

- لجنة توكيد الجودة
- لجنة الحوسبة والتعليم الالكتروني
- لجنة الخطة الدراسية والمصادر التعليمية
- لجنة الامتحانات والتقييم
- لجنة المعادلة والارشاد و التدريب ومتابعة الخريجين
- لجنة الدراسات العليا
- لجنة الانشطة الثقافية والاجتماعية والرياضية

11. Professional and Scientific Meetings

- ❖ Workshop on “القياس والتقييم وبناء الاختبارات” held on Feb- 2016 by Al-Zaytoonah University of 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.

12. Publications

Journals:



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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)**

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, UniversitiTeknikal 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)**



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Al-Tarawneh, F.H., Alhunibat, 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 - Proceedings16 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 - Proceedings16 May 2019, Article number 8717477, Pages 449-452. **(Indexed in Scopus)**

Alhunibat, 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 - Proceedings16 May 2019, Article number 8717451, Pages 315-318. **(Indexed in Scopus)**

Google Scholar:

<https://scholar.google.com/citations?user=DrcxKegAAAAJ&hl=en>

Research Gate:

https://www.researchgate.net/profile/Feras_Al-Tarawneh