



**The University of Jordan**  
**Faculty of Systems and Information**  
**Technology**  
**Aqaba**  
**Jordan**

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Ismail Adel AL-Taharwa, Assistant Professor  
Department of Computer Information Systems  
School of Information Technology and Systems

## Education

- Sep 2009 – Jul 2014* **National Taiwan University of Science and Technology**  
PhD, Department of Computer Science and Information Engineering  
Taipei, Taiwan
- Sep 2005 – Feb 2008* **Al-Balqa' Applied University**  
MS, Computer Science  
As-Salt, Jordan
- Sep 2002 – Sep 2005* **Hashemite University**  
BSc, Computer Science and it's Applications  
Zarqa, Jordan

## Working Experience

- Aug 2014 –Present* **Assistant professor**  
**The University of Jordan**  
Department of Computer Information Systems  
School of Information Technology and Systems  
Aqaba, Jordan
- Sep. 2016- Sep. 2018* **Acting Chairman of Computer Information System department**  
*Sep. 2014 - Sep 2015* **Dean Assistant for Accreditation and Quality Assurance**  
*Nov 2006 – Sep 2009* **Lab supervisor and part time lecturer**  
**The University of Jordan**  
King Abdullah Second School for Information Technology  
Amman, Jordan
- Jan 2007 – Sep 2009* **Part-time instructor**  
**The University of Jordan**  
**King Abdullah Second School for Information Technology (KASSIT)**  
**Amman, Jordan**

## Awards and Scholarships:

*Scholarships* PhD Scholarship: National Science Council of Taiwan, Ministry of Science and Technology, Taiwan (R.O.C.)

## Projects:

*Erasmus+ 2020 Call* Disability as Diversity: The Inclusion of Students with Disabilities in Higher Education  
Role: Manager

## Research Interests

*AI* Classification, Computational Intelligence, Machine Learning, Data Mining and Knowledge Discovery, Clustering, Scripting  
*Information Security* Malware Analysis, Web attacks, Static and dynamic analysis  
*Software Engineering* Effort analysis and code testing  
*E-learning* Teamwork evaluation and assessment, Teamwork dynamics analysis, and learner's competency and knowledge levels modeling

## Languages

*Arabic* Mother Language  
*English* Excellent

## Journal Publications

- Al-Taharwa, I. (2020). Female Student Participation in Software Engineering Projects: Opportunities to Model Project Evaluation and to Improve Early Prediction of Teamwork Failure. *Journal of Education and Practice*, In press.
- Al-Taharwa, I. (2020). Teamwork Distribution: Local vs. Global Software Engineering Project Development Teamwork. *International Journal of Emerging Technologies in Learning (ijET)*, 15(18), 183-201.
- Ghatasheh, N.; Faris, H.; AlTaharwa, I.; Harb, Y.; Harb, A. Business Analytics in Telemarketing: Cost-Sensitive Analysis of Bank Campaigns Using Artificial Neural Networks. *Appl. Sci.* 2020, 10, 2581.

Ghatasheh, N. , Al-Taharwa, I. , Al-Ahmad, B. and Abu-Faraj, M. (2016) *Dead Sea Starvation: Towards Enhanced Monitoring of Water Resources by Modeling Meteorological Variables and Remote Sensing Data*. Journal of Software Engineering and Applications, 9, 588-600. doi: 10.4236/jsea.2016.912040

Ismail Adel AL-Taharwa, Hahn-Ming Lee, Albert B. Jeng, Kuo-Ping Wu, Cheng-Seen Ho, Shyi-Ming Chen: *JSOD: JavaScript obfuscation detector*. Security and Communication Networks 06/2014; 8(6). DOI:10.1002/sec.1064

Jui-Sheng Chou, Chien-Kuo Chiu, Mahmoud Farfoura, Ismail AL-Taharwa: *Optimizing the Prediction Accuracy of Concrete Compressive Strength Based on a Comparison of Data Mining Techniques*. Journal of Computing in Civil Engineering 05/2011; 25(3):242-253. DOI:10.1061/(ASCE)CP.1943-5487.0000088

AL-Taharwa Ismail, Sheta Alaa, Al-Weshah Mohammed: *A Mobile Robot Path Planning Using Genetic Algorithm in Static Environment*.

## Conference Proceedings

Ismail Adel AL-Taharwa, Hahn-Ming Lee, Albert B. Jeng, Cheng-Seen Ho, Kuo-Ping Wu, and Shyi-Ming Chen. *Drive-by Disclosure: A Large-Scale Detector of Drive-by Downloads Based on Latent Behavior Prediction*. In *Proceedings of the 2015 IEEE Trustcom/BigDataSE/ISPA - Volume 01 (TRUSTCOM '15)*, 2015, Vol. 1. IEEE Computer Society, Washington, DC, USA, 334-343.

I.A. Al-Taharwa, Hahn-Ming Lee, A.B. Jeng, Kuo-Ping Wu, Ching-Hao Mao, Te-En Wei, Shyi-Ming Chen: *RedJsod: A Readable JavaScript Obfuscation Detector Using Semantic-based Analysis*. Trust, Security and Privacy in Computing and Communications (TrustCom), 2012 IEEE 11th International Conference on; 01/2012

I.A. Al-Taharwa, Ching-Hao Mao, Hsin-Kuo Pao, Kuo-Ping Wu, C. Faloutsos, Hahn-Ming Lee, Shyi-Ming Chen, A.B. Jeng: *Obfuscated malicious JavaScript detection by Causal Relations Finding*. Advanced Communication Technology (ICACT), 2011 13th International Conference on; 03/2011

## WebPages:

JU's Faculty member: [http://eacademic.ju.edu.jo/i\\_taharwa](http://eacademic.ju.edu.jo/i_taharwa)

Research Gate: [https://www.researchgate.net/profile/Ismail\\_Altaharwa](https://www.researchgate.net/profile/Ismail_Altaharwa)

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

Google sites: <https://sites.google.com/site/tahraweeismail>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=25622106900>

ORCID: <https://orcid.org/0000-0001-8775-0581>