Curriculum Vitae

PERSONAL INFORMATION

Hossam Faris

The University of Jordan
King Abdullah II School for Information Technology
Business Information Technology department
Amman, Jordan
hossam.faris@ju.edu.jo

Date of birth 14 December 1981 | Nationality Jordanian

WORK EXPERIENCE

Since July 2015

Associate Professor

The University of Jordan / King Abdullah II for IT / Business Information Technology department
Queen Rania St., 11942 Amman (Jordan)
www.ju.edu.jo/

Courses taught:

- Semantic Web (Master course)
- Data Mining and Warehousing (Master course)
- Decision Support Systems
- Web Applications I (XHTML, CSS, JAVASCRIPT)
- Fundamentals of Information Technology

Official Academic Page

December 2015-July 2016

Postdoctoral researcher

Information and Communication Technologies Research Center (CITIC), University of Granada (Spain)

- I was awarded a Postdoctoral scholarship from the DUNIA BEAM project offered by the DUNIA BEAM II Selection Committee/Erasmus Mundus.
- During my Postdoctoral period I worked as a member of GeNeura Team specialized in Evolutionary Computation, Neural and Complex Networks.

July 2011-July 2015

Assistant Professor

The University of Jordan

2009–2011

Researcher/Developer

Euro-mediterranean Incubator - Università del Salento, Lecce (Italy)

Researcher and developer for X@WORK Research project funded in the frame of the agreement MIUR – MEF - Apulia Region and aimed to design and develop a collaborative and distributed working environment based on a technological platform that virtually reproduces and integrates tools and functionalities, and make them accessible through a single access point. The experimentation context for the platform is the new product development process in the aerospace. The project is conducted in partnership with DHITECH Consortium, Avio, and

Engineering. This development and research was part of My PhD work.

Specific responsibilities include:

Knowledge Management, Knowledge Base Integration, Ontology Engineering, Collaborative Working Environment, Community of Practice Development & Support, and Enterprise Portals.

2006–2008 **Automated exams administrator and developer**

The University of Jordan / King abdulla II for IT, Amman (Jordan)

- Analyzing automated exams system logs and identifying security potential issues.
- Developing, introducing and integrating new automated exams technologies into existing data centre environments.
- Performing routine audits of automated exams system.
- Performing grades analysis and maintaining system backups.
  Applying operating system updates, patches, and configuration changes.
  Installing and configuring new hardware and software.
- Adding, removing, or updating user account information, resetting passwords, etc.
- Responsibility for documenting the configuration the automated exams system.
- Troubleshooting any reported problems discovered in the online exams system. System performance tuning. Ensuring that the network infrastructure is up and running.

2004–2008 **Part-time Lecturer**

University of Jordan / King Abdulla II for IT / Business Information Systems department, Amman (Jordan)

Teaching Computer Skills

2004–2006 **Open source Lab administrator**

University of Jordan / King abdulla II for IT / Business Information Systems department, Amman (Jordan)

Providing technical assistance and support for IT faculty.

Administrate and Support Hardware Infrastructure.

Support faculty members for all issues related to Linux OS and License Management, Apache web server, DNS, MAIL, Proxy, FTP server , iptables and printing servers.

Participate to defining operational guidelines, process & tools requirements.

Configure and install the hardware and integrate it to the labs and research

environment, responsible for data backup & restore.

EDUCATION

2008–2011 **PhD in e-Business**

University of Salento, Italy
*I was awarded a full-time competition-based PhD scholarship from the Italian Ministry of Education and Research to peruse my PhD degrees in e-Business.

2004–2008 **M.S. in Computer Science** (Excellent rate)

Al-Balqa` Applied University

1999–2004 **Bachelor of Science in Computer Science** (Excellent rate)

Yarmouk University

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through my experience during my international study programs, I

am familiar with team work and multicultural interaction.

Job-related skills Scientific research and development, programming logic, systems design, and technical analysis.

Computer skills Excellent computer skills in different fields and on different applications. That includes the basic commonly used applications as word or presentation processors.

I have experience from basic to advanced in: C, C++, QT, VB, XHTML, CSS, JAVAscript, Postgres DB and others

Publications

Selected Journal Publications:

1. Faris H, Aljarah I and Mirjalili S (2016), *"Training feedforward neural networks using multi-verse optimizer for binary classification problems"*, Applied Intelligence. Vol. 45(2), pp. 322-332. Springer. (Impact Factor 1.2).
2. Faris H and Sheta A (2016), *"A comparison between parametric and non-parametric soft computing approaches to model the temperature of a metal cutting tool"*, International Journal of Computer Integrated Manufacturing. Vol. 29(1), pp. 64-75. Taylor & Francis. (Impact Factor 1.1).
3. Faris H, Sheta A and Öznergiz E (2016), *"MGP-CC: a hybrid multigene GP-Cuckoo search method for hot rolling manufacture process modelling"*, Systems Science & Control Engineering. Vol. 4(1), pp. 39-49. Taylor & Francis.
4. KOVAČ-ANDRIĆ E, Sheta A, Faris H and GAJDOŠIK MŠ (2016), *"Forecasting ozone concentrations in the east of Croatia using nonparametric Neural Network Models"*, Journal of Earth System Science. Vol. 125(5), pp. 997-1006. Springer. (Impact Factor 0.858).
5. Rodan A, Sheta AF and Faris H (2016), *"Bidirectional reservoir networks trained using SVM+ privileged information for manufacturing process modeling"*, Soft Computing. , pp. 1-14. Springer. (Impact Factor 1.63).
6. Alqatawna J, Faris H, Jaradat K, Al-Zewairi M and Adwan O (2015), *"Improving Knowledge Based Spam Detection Methods: The Effect of Malicious Related Features in Imbalance Data Distribution"*, International Journal of Communications, Network and System Sciences. Vol. 8(05), pp. 118. Scientific Research Publishing.
7. Al-Shboul B, Faris H and Ghatasheh N (2015), *"Initializing Genetic Programming using Fuzzy Clustering and its Application in Churn Prediction in the Telecom Industry"*, Malaysian Journal of Computer Science. Vol. 28(3), pp. 213-220. (Impact Factor 0.476)
8. Naser M, Qdais S and Faris H (2015), *"Developing trip generation rates for hospitals in Amman"*, Jordan Journal of Civil Engineering. Vol. 9(1), pp. 8-19.
9. Faris H (2014), *"Neighborhood Cleaning Rules and Particle Swarm Optimization for Predicting Customer Churn Behavior in Telecom Industry"*, International Journal of Advanced Science and Technology. Vol. 68, pp. 11-22.
10. Faris H, Alkasassbeh M and Rodan A (2014), *"Artificial Neural Networks for Surface Ozone Prediction: Models and Analysis."*, Polish Journal of Environmental Studies. Vol. 23(2). (Impact Factor 0.79)
11. Rodan A, Fayyoumi A, Faris H, Alsakran J and Al-Kadi O (2014), *"Negative Correlation Learning for Customer Churn Prediction: A Comparison Study"*, The Scientific World Journal. Vol. 2014, pp. 1-7. Hindawi Publishing Corporation.
12. Faris H, Sheta A and Öznergiz E (2013), *"Modelling hot rolling manufacturing process using soft computing techniques"*, International Journal of Computer Integrated Manufacturing. Vol. 26(8), pp. 762-771. Taylor & Francis. (Impact Factor 1.1).
13. Faris H and Sheta AF (2013), *"Identification of the Tennessee Eastman Chemical Process Reactor Using Genetic Programming"*, International Journal of Advanced Science and Technology. Vol. 50, pp. 121-140. Science & Engineering Research Support soCiety.

Book Chapters:

1. Rodan A and Faris H (2016), *"Intelligent Information and Database Systems: 8th Asian Conference, ACIIDS 2016, Da Nang, Vietnam, March 14-16, 2016, Proceedings, Part I"* Berlin, Heidelberg , pp. 595-604. Springer Berlin Heidelberg.

2. Faris H, Al-Shboul B and Ghatasheh N (2014), *"A Genetic Programming Based Framework for Churn Prediction in Telecommunication Industry"*, In Computational Collective Intelligence. Technologies and Applications. Vol. 8733, pp. 353-362. Springer International Publishing.

Conference Proceeedings:

1. Rodan A and Faris H (2015), *"Echo State Network with SVM-readout for customer churn prediction"*, In IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT), 2015 Nov, 2015. , pp. 1-5.
2. Faris H, Aljarah I and Alqatawna J (2015), *"Optimizing Feedforward neural networks using Krill Herd algorithm for E-mail spam detection"*, In IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT), 2015., Nov, 2015. , pp. 1-5.
3. Sheta A, Ghatasheh N and Faris H (2015), *"Forecasting global carbon dioxide emission using auto-regressive with eXogenous input and evolutionary product unit neural network models"*, In 6th International Conference on Information and Communication Systems (ICICS), 2015, April, 2015. , pp. 182-187.
4. Faris H, Totaro S and Corallo A (2011), *"Framework and Implementation of a Knowledge Management System for Aerospace Collaborative Working Environments"*, In Proceedings of the 2011 IEEE 12th International Conference on Mobile Data Management - Volume 02. Washington, DC, USA , pp. 92-97. IEEE Computer Society.
5. Fayoumi A, Faris H and Grippa F (2009), *"Improving Knowledge Handling by Building Intelligent Systems Using Social Agent Modelling"*, In Proceedings of the 2009 Fourth International Multi-Conference on Computing in the Global Information Technology. Washington, DC, USA , pp. 86-91. IEEE Computer Society.