



## Curriculum Vitae

### Personal Information:

Name : Firas A. E. Albalas  
Date and Place of birth : 15 – 07 -1970 IRBID – Jordan  
Marital status : married.  
Nationality : Jordanian.  
Address : P.O Box. 3796  
Code 21110- IRBID -Jordan  
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### Education -:

#### **2005 - 2009:**

University : Glamorgan University, UK  
Faculty : Computer Science  
Degree : PhD (Computer Science/ Wireless Networks)  
Research title : *“Design and Investigation of scalable multicast recursive protocols for weird and wireless ad hoc protocols”*

#### **1997 - 2000:**

University : Jordan University, Jordan  
Faculty : information technology  
Degree : Master (Computer Science/ Artificial intelligence )  
Grade : V.good  
Research title : *“Developing New feature Selection Methods for discrete and continuous class prediction*

#### **1987 - 1991:**

University : Mu'tah University, Jordan  
Faculty : Science /department of IT  
Degree : BSc (Computer Science)  
Grade : V.good

## Academic experience :-

Position	: Assistant Professor, Computer Science Dept.
Employer	: Jordan University for Science and Technology, Jordan
Period	: Sept 2014 Up-To Now
Position	: Assistant Professor, Computer Science Dept.
Employer	: Yarmouk University, Jordan
Period	: Sept 2013 To Sept 2014
Position	: Assistant Professor, chairman Computer Networks Dept.
Employer	: Jadara University, Jordan
Period	: Sept 2010 To Sept 2013
Position	: Assistant Professor/part time Lecture
Employer	: Jordan University for Science and Technology, Jordan
Period	: Sept 2010 to Jan 2013
Position	: Assistant Professor
Employer	: Applied Science University, Jordan
Period	: Sept 2009 to Sept 2010
Position	: Part Time Lecturer
Employer	: Jordan University, Jordan
Period	: Jul 2000 to Dec 2004
Position	: Database Administrator
Employer	: Ministry of Foreign Affairs, Jordan
Period	: Jul 2000 to Dec 2004
Position	: Database Administrator
Employer	: Ministry of Defense, Jordan
Period	: Sept 1994 to Jul 2000

## Publications

### Journals:

**F. Albalas**, Wail Mardini and Dua'a Bani-salameh (2017), "Optimized Job Scheduling Approach based on Genetic Algorithms in Smart Grid Environment", International Journal of Communication Networks and Information Security (IJCNIS), vol. 9, no. 2, pp. 172 -176.

**F. Albalas**, W. Mardini and Majd Alsoud (2017), "A Comprehensive Study on Machine To Machine resource and Service Discovery in Internet of Things", Far East Journal of Electronics and Communications, [ To appear on Jan. 2018]

**F. Albalas**, Wail Mardini, Yaser Khamayseh, Dua'a Ah.K.Bani-Salameh (2016), "Improved Appliance Coordination Scheme with Waiting Time in Smart Grids," *International Journal of Advanced Computer Science and Applications*, vol. 7, no. 4, pp. 16-30, 2016

Q. Yaseen, **F. Albalas**, Y. Jararweh and M. AlAyyoub (2017). "Leveraging Fog Computing and Software Defined Systems for Selective Forwarding Attacks Detection in Mobile Wireless Sensor Networks", *Journal of Transactions on Emerging Telecommunications Technologies*, Wiley, 2017.

M. Baniyasen, **F. Albalas** and A Odeh (2017), "Energy-Aware objective function for RPL Routing in Internet of Things", *International Journal on Communications Antenna and Propagation*, vol 7, no. 2, pp 188 – 197.

Wail Mardini **F. Albalas**, Qusai Obeidat and Muneer Masadeh Bani Yassein (2016), "Improved home energy management techniques for smart grids ," *International Journal of Smart Home*, vol. 11, no. 5, pp. 1-20.

Albara Awajan, **F. Albalas**, Radwan S. Abujassar (2013), "Enhance Recovery Schema in Proactive Protocol Over MANET by Computing a Backup Path", *Australian journal of basic and applied sciences*, vol. 7, no. 6, pp. 596-607.

B. Zaqaibeh, **F. Albalas**, et al. (2012), "Designing a New Assertion Constraints Model for Mobile Databases", *International Journal of Interactive Mobile Technologies (IJIM)*, vol. 6, no.2, pp. 39-46.

Jafar Ababneh, **F. Albalas**, et al. (2012), "Performance Evaluation for Scalable Recursive Multicast Protocol using ns2 simulator", *International Journal of Computer Science and Information Security (IJCSIS)*. Vol. 10, no. 5, pp: 84-87.

**F. Albalas**, B. AbuAlhaija, et al. (2010). "Quality of Service for Multimedia and Real-Time Services." *International Journal of Information Technology and Web Engineering (IJITWE)*, vol. 5, no. 4, pp. 1-22.

## **Conferences**

**F. Albalas**, Wail Mardini and Dua'a Bani-salameh (2017), "AFT: Adaptive Fibonacci-based Tuning Protocol for Service and Resource discovery in the Internet of Things", The second International Conference on Fog and Mobile Edge Computing (FMEC), Valencia, Spain, 2017.

M. Alayyoub, Q. Yaseen, M. Shehab, Y. Jararweh and **F. Albalas** (2016). "Exploiting GPUs to Accelerate Clustering Algorithms." In proceedings of the 13th ACS/IEEE International Conference on Computer Systems and Applications AICCSA, Agadir, Morocco, November 2016.

M. Alayyoub, Q. Yaseen, M. Shehab, Y. Jararweh and **F. Albalas** (2016). "Accelerating Clustering Algorithms Using GPUs." The 14th IEEE High Performance Extreme Computing Conference(HPEC-2016), Boston, USA, 2016.

M. Alayyoub, Q. Yaseen, M. Shehab, **F. Albalas** and Y. Jararweh(2016). "Accelerating FCM-Based Text Classification Algorithm Using GPUs." The 14th IEEE High Performance Extreme Computing Conference (HPEC-2016), Boston , USA, 2016.

Q. Yaseen, **F. Albalas**, Y. Jararweh, M. Alayyoub (2016). "A Fog Computing Based System for Selective Forwarding Detection in Mobile Wireless Sensor Networks." In Proceedings of FAS\* Foundations and Applications of Self\* Systems Conference, Augsburg, Germany, September 2016.

## **Teaching Experience (courses)**

Computer Networks  
Computer Wireless Networks  
Advanced Computer Networks (Ms course)  
Operating Systems  
Object – Oriented Programming  
Visual basic programming  
C++ programming language  
System analysis and design  
Data base systems

## **Professional qualification**

- PL/SQL certified

## Training Courses:

<b>COURSE NAME</b>	<b>DURATION</b>	<b>ORGANIZED BY</b>
Oracle Database Administration	1 week (18 working hours)	Palestine Engineering Co. Amman, Jordan
Oracle 8 new Features	1 week (18 working hours)	Palestine Engineering Co. Amman, Jordan
Microsoft .Net training course	8 weeks	Arab Academy for Microsoft Technologies
Introduction to UNIX Operating System	1 week	ITCC center
Oracle Advanced Application Building	1 week	ITCC center
Innovation Teaching in Higher Education	2 Days	JUST university
Statistical Package for Social Sciences	2 Days	JUST university

## Skills:

- Organized and excellent in communications with client
- Hard working and ability to work under pressure.
- Flexibility and creativity.

## Languages:

- Arabic (Mother Tongue) Excellent.
- English (Second Language) V. Good.

## Interests:

- Reading
- Surfing the internet for every new thing
- Social service.