

**Department of Computer Information System  
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**Ibrahim M. Obeidat**

**Personal Information**  
**Marital status: Married**  
**Nationality: Jordanian**  
**Age: 54**  
**Place of Birth: Jordan**

**Objective To obtain a challenging position as a professor, where I Can develop a solution in  
Computer science, Networks and Security**

### **Summary of Qualifications**

- Chairman of Computer Information Systems for 4 years.
- Participating in Huge Projects (focuses on Cyber security and Higher Education).
- Over 15 Years acting as Electronic Warfare Officer (cyber Security) Jordanian Armed Forces.
- Over 12 years' experience in scientific research.
- Over 12 years' experience in teaching at the university level.
- Motivated, Capable of independent work as well as team work.

### **Education**

- August 2008 PhD of Computer science, Department of Computer Science, The George Washington University, Washington DC, USA
- 2002 Masters of Computer Science, Department of Computer science, The New York Institute of technology, USA
- 1988 Bachelor of Ttelecommunication Engineering, Department of Engineering, M'utah University Jordan

### **Research Interests**

Networking, Cyber Security, Digital Forensics, Ethical hacking and penetration testing, Algorithms, Data mining, Information retrieval.

### **Work Experience**

- Jan 2020 – Now                    Professor, Department of Computer Information System, The Hashemite Hashemite University, Jordan.
- August 2016 – Jan 2020        Associate Professor, Department of Computer Information System, the Hashemite University, Jordan.
- October 2015- August 2016    Associate Professor, Department of information and Computer science, Saudi electronic University's, KSA
- March 2013 – October 2015    Associate Professor, Department of Computer Information System, the Hashemite University, Jordan.
- Sep. 2009 –sep.2013            Chairman of Computer Information System Department, The Hashemite University, Jordan.
- October 2008- Sep.2009        Assistant Professor, Department of Computer Science, The Hashemite University, Jordan.
- 2005 – 2007                    Instructor / teaching assistant  
The George Washington University, Computer Science Department  
Preparing and conducting tutorials for the following courses:
- C++
  - Java
  - Mat labs
  - algorithms
- 2004-2005                    Working in "On Force" Company, USA
- Computer software and hardware maintenance
  - Setting and maintaining Networks
- 1988-2004                    Electronic Warfare Directorate (where I worked as EW Officer, “Control the Jordan Cyber Security”) Jordan Army

### **Languages**

- English and Arabic: written, and spoken.

### **Courses Taught**

- Computer Security
- Computer networks

- Computer Organizations
- Computer Architecture
- Software Design
- Object Oriented Programming (1)
- Computer Skills
- Logic design
- Computer Algorithms
- Data Structures Using Java
- Ethical Hacking and penetration testing
- IT Project Management

### **Research Projects Funding**

1. Participated In Jordan-NATO Project “Support for Implementing a Cyber Security Strategy for Jordan” 425000 Euros, NATO Science for Peace and Security Programme Started Program (2012- 2016).
2. Participated in the Tempus project "Towards a university enterprise alliance in Jordan” (TEJ) project number (544259-TEMPUS-1-2013-1-JO-TEMPUS-JPHES) ", Coordinator professor Walid Salamah.
3. Participated in the Tempus project "Climate Change and Sustainability Policy (CLIMASP)project number (543879-TEMPUS-1-2013-1-GR-TEMPUS-JPCR) ", Coordinator Dr. Theodora.
4. 80,000 JD Co-Applicants Dr. Ahmad Khasawneh, Dr. Emad E. Abdallah, and Dr. FerasHanandeh, Deanship of scientific Research - Hashemite University - new researchers’ start-up program (Dec. 2010 ~ Dec. 2012) Topic: Capacity Building of eLearning Systems at Hashemite Universities.
5. 2500 JD Co-Applicants Dr. Ahmad Khasawneh, and Dr. FerasHanandeh, Deanship of scientific Research - Hashemite University - new researchers’ start-up program (Dec. 2012 ~ Dec. 2013) Topic: "Computer based clinical decision support system for hepatitis disease diagnosis|"

### **External Examiner**

1. The University of Jordan (Several Master degrees)
2. Murdoch University, Perth, Western Australia (PhD Degree)
3. Newcastle University (Several PhD Degrees)

### **Referee for**

Journal of network and computer applications (Elsevier)  
Journal of wireless personal communications (Springer)  
International Journal of Business Information Systems (Inderscience)

### **Publications:**

#### **Journals:**

1. I. Obeidat , : Intensive Preprocessing of KDD Cup 99 for Network Intrusion Classification Using Machine Learning Techniques,International Journal of Interactive Mobile Technologies (iJIM),vol 13 , No 1 (2109)
2. I. Obeidat , A. magheid , S. Alzoubi "A secure encrypted protocol for clients' handshaking in the same network", International Journal of Interactive Mobile Technologies (iJIM),vol 13 , No 5 (2109)
3. I. Obeidat , Mazen alzoubi : "Developing a Faster Pattern Matching Algorithms for Intrusion Detection system " international Journal of Computing , vol 11 , Issue 9 , pp 278-284, 2109
4. I. Obeidat, A. Abu Abid , H. Natouryeh : Enhancing The AD-HOC Mesh Networks Infrastructure Rural Areas: Adaptive Aproach. Journal of Theoretical and Applied Information Technology 31st October 2016. Vol.92. No.2
5. Sa'ed Abed, Ashraf Hasan Bqerat, Ahmad Al-Khasawneh, Ayoub Alsarhan, Ibrahim Obeidat: Towards improving the performance of distributed virtual memory based reversal cache approach. IJCAT 51(3): 247-256 (2015).
6. Ayoub Alsarhan, Ahmad Al-Khasawneh, Awni Itradat, I. Obeidat, Mohammad Bsoul: Spectrum trading for routing in a multi service cognitive mesh network, Int. J. Mobile Network Design and Innovation, Vol. 5, No. 2, pp. 85-96, 2013.
7. I. Obeidat, A. Khasawneh, M. Bsoul , and Y. Kilani,"Toward Power Consumption In Wireless Sensor Networks Routing Technique" (2013) ,Int. J. Of Networking and Virtual Organizations,Vol. 12, No. 3, 2013.
8. I. Obeidat, A. Khasawneh, M. Bsoul , andA. Alsarahan(2013)"Computer based clinical decision support system for hepatitis disease diagnosis" Int. J. of Advancements in Computing Technology , Vol. 5, No. 14, 2013.
9. Y. Kilani, M. Bsoul, I. Obeidat, and M. Al-Rababaa,(2012) "Islandsat," International Journal of Advanced Intelligence Paradigms, vol. 4, no. 3/4, pp. 278–298, 2012
10. A. Alsarhan, A. Agarwal, M. Bsoul, I. Obeidat, A. Al-Khasawneh, and Y. kilani, "Optimal spectrum utilization in cognitive network using combined spectrum sharing approach: Overlay, underlay and trading,"International Journal of Business Information Systems, 2012, accepted for publication.
11. M. Bsoul, A. Al-Khasawneh, A. E. Abdallah, E. E. Abdallah, andI. Obeidat, "An energy-efficient threshold-based clustering protocol forwireless sensor networks," Journal of wireless personal communications,vol. 70, no. 1, pp. 99–112, 2013.
12. M. Bsoul, A. Al-Khasawneh, Y. Kilani, and I. Obeidat, "A threshold-based dynamic data replication strategy," The Journal of Supercomputing, Published online: 13 AUGUST 2010. DOI 10.1007/s11227-010-0466-3.
13. Khasawneh, A., Bsoul, M. Obeidat, I and Al Azzam, I. (2010) "Technology Fears: study

of e-Commerce loyalty perception by Jordanian customers" International Journal of Information Systems in the Service Sector (IJISSS) .vol. 2, no. 2, pp. 70–77, 2010.

14. I. obeidat, Mazen Alzoubi : Analyzing some Android hacking tools and countermeasures , submitted to journal of communications

### **Conferences:**

1. Ibrahim Obeidat , Simon Berkovich , Investigation the effectiveness of network connectivity(First International Conference on the Applications of Digital Information and WebTechnologies (ICADIWT 2008), Czech Republic
2. Ibrahim Obeidat , The effectiveness of online education on employee productivity (Interactive computer aided learning, VillachAustria2008 )
3. Kilani, Y., Bsoul, M., Alsarahan, A., obeidat, I. "Improving PAWS by the island Confinement Method".11th International Conference on Artificial Intelligence and Soft Computing, Zakopane, Poland,, 2012
4. I. Obeidat, M. Bsoul, A. Khasawneh, , and Y. Kilani, “Enhancing the connectedness in ad-hoc mesh networks using the terranet technology,” in the proceeding of International Conference on Electrical, Computer, Electronics and Communication Engineering, Venice, Italy, 2012, pp. 607–609
5. I. Obeidat Implementing Information Security factors: Governmental Organizations accepted by the Thirteenth International Conference on Digital Society and e- Governments ICDS 2019
6. A. Klos-Witkowska, V. Martsenyuk, M. Karpinski, I. Obeidat “Influence of radiation at different RF frequencies on Bovine Serum Albumin stability in the aspect of biosensor” 2019 Advances in Science and Engineering Technology International Conferences (ASET)

**References Available upon request**