Curriculum Vitae

Personal Information

Name   : **Wafa' S.G. AlSharafat**
Nationality   : **Jordanian**
⊠ **E-mail**   : **wafa@aabu.edu.jo**

Objective

A challenging teaching, research, and/or software development position utilizing my experience in teaching computer classes and practical background.

Education

- **Ph.D in Computer Information System.**

University of Arab Academy for Financial & Economy, Amman, Faculty of Information Systems & Technology, Jordan.
July 2009, Overall GPA 87.8 (Excellent)

- **Master degree in Computer Information System**

University of Arab Academy for Financial & Economy, Faculty of Information System & Technology, Jordan.
May 2004, Overall GPA 82% (Very Good)

- **Bachelor of Science Majoring in Computer Science**,

Hashemite University-Jordan.
Jun. 2001, Overall GPA (Good)

- **Twjihi,Scientific**

Zarqa-Jordan
1997, Overall GPA 83.9

Work Experiences

- **Vice Dean, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University (2014-2015)**
- **Head of Information Systems Department, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University (2013 – 10/2014).**
- **Assistant Professor in Computer Information Systems Department, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University (2010-Present).**
- **Organize and contribute in different workshops, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University (2011 - 2015).**
- **College council member, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University, (2006-2007), (2011-2012), (2013-2015).**
- **Member of Discipline Committee, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University (2006- 2007, 2008 – 2015).**
- **Full time lecturer in Computer Information Systems Department, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University (2009 -2010).**
- **Information Systems Department Graduation Project Coordinator (2007 – 2010)**
- **Lecturer in Computer Information Systems Department, Prince Hussein bin Abdullah (2006 – 2009).**
- **Member of Quality Assurance Committee, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University (2009 - Present).**

- **Equivalent materials coordinator, Prince Hussein bin Abdullah II 'IT' College, Al Al-Bayt University (2009 - 2020).**
- **Member of Technical Committee for Development curriculum in Computer Information System and Information Security majors.**
- **Member of Technical Committee for Development curriculum in Master of Computer Information System major.**
- **Teacher in Ministry of Education, Kuwait (1/9/2004-20/2/2005).**
- **Teacher in Ministry of Education, Jordan (26/8/2001- 31/8/2004).**
- **Trainer For ICDL in Ministry of Education, Jordan (2001 – 2004)**
- **Coordinator for IT collage scientific day.**
- **Reviewer for :**
  - **International Security Journal (Taylor and Francis)**
  - **Journal of Computing Science and other journals.**
- **Member of Technical committees at different conferences as:**
  - **International Conference on Communications, Networking and Information Technology (MIC-CNIT2012)**
  - **International Conference of Computer Vision and others.**
- **Member of IEEE, ISAET.**

Published Work:

Journals:

1. Bader. M. Al-Fawaz, Atallah. M. AL-Shatnawi and *Wafa. S. Alsharafat*, Recognizing the Importance of Brand Awareness on E-commerce Sales while shopping on Internet Empirical Analysis of European Countries, International Journal of Interactive Mobile Technologies, Volume 9, Issue 1, 2014.

2. *Wafa Alsharafat*, A new FLAME selection method for Intrusion Detection (FLAME-ID), Communication and network, Vol.11 No.1, 2019.

3. *Wafa Alsharafat*, The Cuckoo Feature Filtration for Intrusion Detection (Cuckoo-ID), International Journal of Advanced Computer Science and Applications, Vol. 11, No. 5, 2020.

4. *Wafa Alsharafat*, Firefly Genetic Algorithm and Zeroth Learning Classifier for Network Intrusion Detection (FGAZCS-NID), Journal of Software Engineering and Applications (JSEA), Accepted 2020.

5. *Alaa Al-Shdaifat, Khalid Batiha, Wafa Alsharafat*, Improving the Energy of Wireless Sensor Network Using Genetic Algorithm, International Journal of Computer Science and Network Security, Accepted 2020.

Materials that have been taught
* Undergraduate Courses

- Programming Fundamentals, Introduction to Programming with C++ Language,
- Computer Skills I, Computer Skills II.
- ICDL courses.
- Fundamentals of Information System
- Expert systems and Decision Support systems
- Software Engineering.
- Fundamentals of Database System
- Advanced Database System.
- Electronic Commerce and Electronic Government.
- Workflow Systems
- Purchasing and Warehousing Management System.
- Computer Networks for Business.
- Artificial Intelligence
- Information System Security
- Network Management.

Master Thesis Supervised:

- Alaa Fayez N. Al-Shdaifat, **Improving the Energy of Wireless Sensor Network Using Genetic Algorithm**, 2018
- Osama Sleman Yusuf Mashaqba, **An Two Level clustering hierarchies by use Fuzzy clustering by Local Approximation of Memberships**, 2017.
- Kawthar Ahmad Alzboon, **FLAME Clustering and Cuckoo Search Selection for building a new Intrusion Detection Model,** 2017**.**
- Bashair Fayez Al-Shdaifat, **Feature Filtration for Intrusion Detection Incorporating Hopfield Artificial Network**, 2016.