

## **Curriculum Vita**

**Name:** Aymen Moh'd Mustafa Abu-Errub.

**Place & Date of Birth:** Kuwait 17/10/1966.

**Nationality:** Jordanian.

**Marital Status:** Married.

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### **Qualifications:**

- \* ***PhD. In Computer Information Systems,***  
The Arab Academy for Banking and Financial Science,  
Amman, Jordan, 2008/2009.
- \* ***Master Degree in Information Technology,***  
Neelain University,  
Sudan, 2003.
- \* ***B.Sc. In Applied Physics – Digital Electronics,***  
***Minor Degree in Computer Science,***  
Kuwait University,  
Kuwait, May 1989.

### **Researches:**

- 1- A. Odeh, [Aymen Abu-Errub](#), and M. Awad, “***Symmetric Key Generation Method using Digital Image***”, International Journal of Computer Science Issues 12 (2), 254-259, 2015.
- 2- A. Odeh, [Aymen Abu-Errub](#), Q. Shambour and N. Turab, “***Arabic Text Categorization Algorithm using Vector Evaluation Method***”, International Journal of Computer Science & Information Technology 6 (6), 83-92, 2014.
- 3- [Aymen Abu-Errub](#), “***Arabic Text Classification Algorithm using TFIDF and Chi Square Measurements***”, International Journal of Computer Applications 93 (6), 40-45, 2014.
- 4- O. Hassan, A. Odeh, A. Maaaita, and [Aymen Abu-Errub](#), “***Designing Structured Peer-to-Peer Architectures for Mashups***”, IAENG International Journal of Computer Science 41 (1), 2014.
- 5- [Aymen Abu-Errub](#), A. Odeh, Q. Shambour, and O. Al-Haj Hassan, “***Arabic Roots Extraction Using Morphological Analysis***”, International Journal of Computer Science Issues 11 (2), 128-134, 2014.

- 6- N. Yousef, Aymen Abu-Errub, A. Odeh, and H. Khafajeh, “***An Improved Arabic Word’s Roots Extraction Method Using N-Gram Technique***”, Journal of Computer Science, 10 (4): 716-719, 2014.
- 7- S. Abdali, M. Hourani, Aymen Abu-Errub, and Q. Shambour, “***Toward a Conceptual Framework for Integrating Enterprises Performance and Risk Management***”, Journal of Management Research, 5(4):145-166, 2013.
- 8- H. khafajeh, Aymen Abu-Errub, A.Odeh and N. Yousef, “***Novel Automatic Query Building Algorithm Using Similarity Thesaurus***”, American Journal of Applied Science, 9 (9): 1373-1377, 2012.
- 9- M. Al-Jedaiah, S. Masadeh, Aymen Abuerrub and, A. Areiqat, “***The Impact of Web Applications on Decision-Making Process in the Public Sector***”, The International Conference on Intelligent Semantic Web – Services and Applications (ISWSA 2010), Isra University ,Amman ,Jordan, 2010.
- 10- S. Masadeh, S. Aljawarneh, N. Turab and, Aymen Abu-Errub, “***A Comparison of Data Encryption Algorithms with the Proposed Algorithm: Wireless Security***”, Proceeding of The 6<sup>th</sup> International Conference on Networked Computing and Advanced Information Management (NCM2010), pp.341, Seoul, Republic of Korea, 2010.
- 11- Aymen Abu-Errub, “***Optimized Image Watermarking System Using the Discrete Wavelet Transform and Genetic Algorithm***”, Ph.D. Thesis in Computer Information Systems, The Arab Academy for Banking and Finance Science. 2009.
- 12- Aymen Abu-Errub and Ali Al-Haj, “***Optimized DWT-Based Image Watermarking***”, First IEEE International Conference on the Applications of Digital Information and Web Technologies, VSB –Technical University of Ostrava, Czech, 2008.
- 13- Ali Al-Haj and Aymen Abu-Errub, “***Performance Optimization of Discrete Wavelets Transform Based Image Watermarking Using Genetic Algorithms***”, Journal of Computer Science 4 (10): 834-841, 2008.

### **Conferences Conducted:**

- 1- First IEEE International Conference on the Applications of Digital Information and Web Technologies, VSB –Technical University of Ostrava, Czech, 2008.
- 2- The International Conference on Intelligent Semantic Web – Services and Applications (ISWSA 2010), Isra University, Amman, Jordan, 2010.

### **Researches Projects:**

*“Multi-Model Stacked AutoEncoder based deep learning for Lossy Image Compression”*, Deanship of Research and Graduate Studies, Ajman University, U.A.E., 2022.

### **Training the Following Courses:**

- 1- *"Decision Support Systems for Senior Managers"*, Munich, Germany, 2011.
- 2- *"The Role of Information Technology in Managing Key Accounts"*, Barcelona, Spain, 2011.
- 3- *"Information Technology Usage in Customer Relationship Management Systems"*, Paris, France, 2011.

### **Journals Reviewing:**

- 1- Jordan Journal of Business Administration.

### **Teaching Fields:**

Certified for teaching courses in **Information Security** and **Computer Information Systems** fields from the Higher Education Accreditation Commision, Jordan.

### **Academic Experiences:**

Assistant Professor	Computer Science Department, Faculty of Information Technology, Jadara University	2024 -
Assistant Professor	Cyber Security Department, Faculty of Science & Information Technology, Irbid National University	2023 - 2024
Assistant Professor	Faculty of Information Technology, Al-Ahliyya Amman University	2009 - 2014
Part Time Lecturer	University of Jordan - University Requirements Courses	Since 2021
Part Time Lecturer	Computer Science Department, King Abdulla II School for Information Technology, University of Jordan	2014 - 2015
Part Time Lecturer	Information Technology College, The Arab Academy for Banking and Financial Science	2004 - 2007

### **Academic Courses Taught:**

- 1- Principles of Cyber Security.
- 2- Internet of Thing Security.
- 3- Security Management for information Systems.
- 4- Risk Management and Assessment.
- 5- Data Warehousing and Data Mining.
- 6- Information Retrieval.
- 7- Artificial Intelligence.
- 8- Java Programming Language.
- 9- C++ programming Language.
- 10- Computer Organization and Logic Design.
- 11- Network Security.
- 12- System and Requirements Analysis and Design.
- 13- Knowledge Management.
- 14- Decision Support Systems.
- 15- Discrete Mathematics.

**Public Activities:**

- 1- **Board Chairman**, Software and Information Technologies Quality Society, Amman – Jordan.
- 2- **Board Trustee**, Jordanian Educational Society, Amman – Jordan.
- 3- **Board Treasurer**, The Cultural and Scientific Association for University Professors, Amman – Jordan.
- 4- **Board Trustee**, Cooperative Society for the Gulf War Returnees, Amman – Jordan.

**Languages:**

Arabic Language: Mother Tongue.

English Language: Excellent in speaking, understanding, reading and writing.

**Address:**

Al-Jubaiha – Amman – Jordan