

# Curriculum Vitae

## Personal Information:

**Name:** Rola Ismail Al-Khalid  
**Date and Place of Born:** 19<sup>th</sup> of February 1977, Kuwait  
**Marital Status:** Single  
**Nationality:** Jordanian  
**Address:** Amman, Jordan  
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## Education:

<b>Time Period</b>	<b>Institute</b>	<b>Certificate</b>	<b>Average</b>
2002-2004	The University of Jordan	Graduate Student for M.S.C.S. Certificate	3.41 / 4
1994-1999	Al-Balqa University	B.Sc. in Computer Technology Engineer and Numerical System.	86.4%
1994	Agnadin School	Tawjihi Certificate	86.4%

## Languages:

<b>Language</b>	<b>Reading</b>	<b>Writing</b>	<b>Speaking</b>
Arabic (mother tongue)	Excellent	Excellent	Excellent
English	V.Good	V. Good	V. Good

## Employment History:

### **From 16 October 1999 to 1 March 2005:**

Philadelphia University, Private Accredited University, College of Science  
Science of Computer and Information System as Lab Supervisor: -

- 1- Internet Labs supervising, maintenance and installation using proxy server.
- 2- Programming languages and applications.
- 3- Labs maintenance including Hardware and Software.
- 4- Software installation and Downloading Software Packages.
- 5- Networking including network installation and configuration server and workstation using different operating systems like Unix, Windows NT and Windows 2000.

### **From 6 March 2005 until 26 October 2008:**

The University of Jordan, College King Abdullah II School for Information Technology, Department of Computer Information System as Instructor

### **From 27 October 2008 until now:**

The University of Jordan, College King Abdullah II School for Information Technology, Department of Computer Information System as Teacher

## **Publications:**

- Amjad Hudaib, Rola Al-Khalid, Dima Suleiman, Mariam Itriq and Aseel Al-Anani. **A Fast Pattern Matching Algorithm with Two Sliding Windows (TSW)**. Journal of Computer Science, 4(5): 393-401, 2008
- Moussa H. Abdallah, Randa A. Al-Dallah, and Rola I. Al-Khalid. **A Novel Approach for Multimedia Information Hiding using Visual Cryptography**. The Eight (IASTED) International conference- Spain, 2008
- Aseel M. Al-Anani, M.H. Abdallah, Randa A. Al-Dallah, Rola I. Al-Khalid. **Multimedia Multilevel Hiding Technique**. **European Journal of Scientific Research** 24(1), 2008.
- Randa A Al-Dallah, Moussa H Abdallah and Rola I Al-Khalid. **A Novel Technique in Multimedia Information Hiding using Quantization Level Based Visual Cryptography**. The International Conference on Modeling and Simulation '08 – Jordan, 2008
- Moussa H. Abdallah, Rola I. Al-Khalid, Randa A. Al-Dallah. **A Payload Optimization Technique for Multimedia Visual Cryptography**. The 21st International Conference on Software Engineering & Knowledge Engineering (SEKE'2009), Boston, Massachusetts, USA..ISBN 1-891706-24-1: 703-708, July 1-3, 2009
- Rola Al-Khalid, Randa Al-Dallah, Moussa Abdallah, **Efficient Techniques for Multimedia Information Hiding using Color Visual Cryptography**, Dirasat: Pure Sciences, 38(1):100-112, 2011
- Mariam Itriq, Amjad Hudaib, Aseel Al-Anani, Rola Al-Khalid, Dima Suleiman, **Enhanced Two Sliding Windows Algorithm For Pattern Matching (ETSW)**, Journal of American Science,8(5): 607 – 616, 2012.
- Randa A Al-Dallah, Aseel M. Al-Anani, Rola I Al-Khalid and Samah A. Massadeh. **An Efficient technique for data hiding in audio signals**. American Academic & Scholarly Research Journal 4(5): 577-614, 2012.
- Randa A Al-Dallah, Aseel M. Al-Anani, Rola I Al-Khalid and Samah A. Massadeh. **An Efficient technique for data hiding in audio signals**. AASRC 2012 Fourth International Conference, ISTANBUL, TURKEY, 117-122, 2012.
- Ammar Huneiti, Rizik Al-Sayyed, Rola Al-Khalid, Dima Khalil, Heba Mousa. **E-Guide for University Students**, Journal of American Science,8(10): 574-581, 2012.
- Dima Suleiman, Amjad Hudaib, Aseel Al-Anani, Rola Al-Khalid and Mariam Itriq, **ERS-A Algorithm for Pattern Matching**, Middle-East Journal of Scientific Research 15 (7): 1067-1075, 2013.

- Amjad Hudaib, Rola Al-Khalid, Aseel Al-Anani, Mariam Itriq and Dima Suleiman, **Four Sliding Windows Pattern Matching Algorithm (FSW)**, Journal of Software Engineering and Applications - JSEA 8(3): 154-165, March 2015.
- Dima Suleiman, Mariam Itriq, Aseel Al-Anani, Rola Al-Khalid and Amjad Hudaib, **Enhancing ERS-A Algorithm for Pattern Matching (EERS-A)**, Journal of Software Engineering and Applications - JSEA 8(3): 143-153, March 2015.
- Al-Khalid, R., Al-Dallah, R., Al-Anani, A., Barham, R. and Hajir, S. (2017) A Secure Visual Cryptography Scheme Using Private Key with Invariant Share Sizes. *Journal of Software Engineering and Applications*, **10**, 1-10. doi: [10.4236/jsea.2017.101001](https://doi.org/10.4236/jsea.2017.101001).

### **Courses Taught**

- Object Oriented Programming 1
- Object Oriented Programming 2
- Computer Skills for Humanities
- Computer Skills for Medical Students
- Remedial Computer Skills
- Computer Skills for Scientific
- Visual Programming
- Certified Software (J2ME)

### **Training Courses:**

- Installing computer software and solving hardware Problem for PC, at Mu'ta Company. Aug 1996(three month)
- Learning different programming languages (FoxPro, oracle and UNIX), at Ministry of Education, Oct 1998 (two month).
- Semester 1 of the Cisco Networking Academy Program (29/9/2002)
- International Computer Driving License ICDL (7/9/2002)
- ORACLE 9i (60 hours, 2/3/2002, Computer Way Training Center)