



QF11/0110 - 3.0E

Curriculum Vitae Form

## CURRICULUM VITAE

**Full name: Amal Qassed Mahmoud Ahmad**

**Department/Faculty: Faculty of Engineering and Technology**

**Electrical Engineering Department**

**University, City, Jordan: Al Zaytoonah University - Jordan**

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**amalahmad198@gmail.com**



### 1. Personal Data

Date of Birth: September 19<sup>th</sup>, 1985

Nationality: Jordanian

### 2. Education

MS'c in Computer Engineering and Networks  
Jordan University – Faculty Of Engineering and Technology  
Amman, Jordan

BS'c in Computer Engineering  
Jordan University – Faculty Of Engineering and Technology  
Amman, Jordan

### 3. Employment

Aug.2017 – Present      Lecturer  
Assistant of the Dean for the Quality Assurance  
Faculty of Engineering and Technology  
Electrical Engineering Department  
Al Zaytoonah University of Jordan – Amman, Jordan



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### **Employment**

- Dec. 2010 – Aug.2017    Laboratory Engineer  
 Faculty of Engineering and Technology  
 Electrical Engineering Department  
 Al Zaytoonah University of Jordan – Amman, Jordan
- Jul. 2008 – Oct. 2010    Laboratory Engineer  
 Faculty of Engineering  
 Electrical Engineering Department  
 Al Ahliyya Amman University – Al Salt, Jordan
- Feb. – Jun. 2008        Teaching Assistant  
 Faculty of Engineering and Technology  
 Computer Engineering Department University of  
 Jordan– Amman, Jordan

### **Academic Positions**

Lecturer  
 Al Zaytoonah University of Jordan - Amman, Jordan  
 Faculty of Engineering and Technology  
 Electrical Engineering Department

### **Administrative Positions**

Assistant of the Dean for the Quality Assurance, Al Zaytoonah University of Jordan,  
 Faculty of Engineering and Technology

### **4. Research Interests**

Data security, Network performance analysis, Network Security, Simulation of wireless networks and ad hoc networks and Digital image processing.

### **5. Membership in Scientific Societies and Associations**

Jordan Engineers Association (JEA)

### **6. Honors and Awards**

A certificate of appreciation from Al-Ahliyya Amman University for the contributions done in the field of quality assurance (2009–2010)



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## 7. Teaching Experience

- **Undergraduate Courses**

Engineering Computer Applications

Engineering Economy

Logic Design Laboratory

Microprocessor Laboratory

Computer Architecture Laboratory

## 8. Membership of Committees

Quality Assurance Committee, Al Zaytoonah University of Jordan, Faculty of Engineering and Technology

## 9. Publications

Ahmad, A. Q. and Ismail, S., **Selective encryption method for securing Mobile Ad Hoc Networks (MANETs)**, Accepted in International Journal of Electrical and Computer Engineering, February (2018)

Ismail, S., AlKhader, E. and Ahmad, A. Q., **Prison perimeter surveillance system using WSN**, Journal of Computer Science, October (2017)

Masoud, M., Jaradat, Y. and Ahmad, A. Q., **Machine Learning Approach for Categorizing Internet Autonomous Systems' Links**, International Conference on Green and Human Information Technology, February (2017)

Ahmad, A. Q., Masoud, M. and Ismail, S., **Average Memory Access Time Reduction Via Adding Victim Cache**, International Journal of Applied Engineering Research (IJAER), September (2016)

Masoud, M., Jaradat, Y. and Ahmad, A. Q., **On Tackling Social Engineering Web Phishing Attacks Utilizing Software Defined Networks (SDN) Approach**, In Open Source Software Computing 2016 (OSSCOM16), September (2016)

Ahmad, A. Q, Swidan, A. and Saifan, R., **Comparative Analysis of Different Encryption Techniques in Mobile Ad hoc NETWORKS (MANETs)**, International Journal of Computer Networks & Communications (IJCNC), March (2016)

Masoud, M., Jannoud, I., Ahmad, A. Q and Al-Shobaky, H., **The Power Consumption Cost of Data Encryption in Smartphones**, In Open Source Software Computing (OSSCOM) conference, September (2015)