



**Ali Alrohia**

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### **Experiences:**

- Teaching University materials, such as “**Information Security**”, “**Network Design**” (2014-Until Now).
- Worked some of Graduation Project, The most important are:
  - “The Effect of Audio Codecs on VoIP Based on WIAMX”.
  - “The Implementation of BLACKHOLE Attack in DSR Protocol using NS-2”.
- Worked in Computer Maintenance (2012-2014).

### **Education:**

- Master student in **Communication Engineering**, Tishreen University (2015 - Until Now).
- Bachelor degree in **Communication and Electronic Engineering** (84.35%), Tishreen University (2010 - 2015).

#### **Graduation Project:**

A Study of the Most Important Attacks on the Network Layer in Wireless Multimedia Sensors Networks.

#### **Online Learning:**

- Introduction to Solar Cells System (2015) – [www.edraak.com](http://www.edraak.com)
- Professional development skills (2015) – [www.edraak.com](http://www.edraak.com).
- Introduction to Windows Server 2012 (2015) – [www.edx.org](http://www.edx.org).
- HTML5 Part 1: HTML5 Coding Essentials and Best Practices (2015) – [www.edx.org](http://www.edx.org).
- A System View of Communications: From Signals to Packets (Part 2) (2015) – [www.edx.org](http://www.edx.org).

### **Courses and Workshops:**

- “Microcontrollers” workshop at the **SCS** (Syrian Computer Society), Lattakia (2013).

### **Computer skills:**

- Microsoft office - most experienced in Word, Excel and Power-point.
- Matlab.
- OPNET, Network Simulator-2 (NS2), Cisco Packet Tracer (Network Design).
- Proteus , Eagle (Electronic Circuits simulation and Design) .
- Visual studio 2015 .
- Micro C ( Micro Controller Programing ).

### **Programming languages:**

- C++, TCL, AWG, Verilog, VHDL.

**Languages:**

	Speaking	Reading	Writing
<b>Arabic</b>	Native language		
<b>English</b>	Good	Good	Good

**Skills:**

- Ambitious, Self-motivated, Reliable, able to handle multitasks, able to work under pressure and for long hours.

**Interest:**

- Voluntary Works, Sports and Camping.

*References: Available upon request*