

Safaa A. AL-Sarayrah, M.Sc.

Computer and Networks Engineer

Al-Karak – Jordan

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Personal:

- ✦ Marital Status: single.
- ✦ Date of Birth: 26/3/1988.
- ✦ Nationality: Jordanian.
- ✦ Place of Birth: Al-Karak-Jordan.
- ✦ Languages: Arabic (mother language).
English (Excellent; speaking, writing and reading).
International English Language Testing System (IELTS).

Objectives:

- ✦ To improve experience in projects' environment.
- ✦ Working within a dynamic team and recognized project.
- ✦ Increasing management, technical, and communication skills
- ✦ Exploitation theoretical knowledge in the practical work fields.

Education:

2013 -2016

University of Jordan

Amman, Jordan

M.Sc. in Computer Engineering / Networking.

Thesis title: “A Cross Layer Design to Improve Transmission Control Protocol TCP over Multi-hop Cognitive Radio Networks ”.

2006-2010

Mutah University
Karak, Jordan
B.Sc. in Computer Engineering.

“Has completed the B.Sc. degree in four years” Graduate
project: **“Road signs Detection using Matlab”**.

2005-2006

Mutah High school
Al-Karak, Jordan
Scientific Stream.

Sponsorships:

Full scholarship from Umniah Company, B.Sc., Mutah University, Al-Karak-Jordan.

Academic Experiences:

2013 - 2016

M.Sc. student and Research Assistance, University of Jordan, Amman-Jordan.

Teaching Experience:

2015- present

Computer Networking, Information Security, Digital Safety, C++ Programming.

WORK Experiences:

10/2019 -02/ 2020

Digital Safety Advocate, Secdev Foundation.

- Digital Safety Advocate at Salamt MENA project
- Making digital safety sessions for women. Responsible for learn women in Karak and Tafilah how to safe their information and privacy.
- Help women to solve safety issues via digital clinic.

06/2016 - 11/2016

Network Engineer and IT support Department of Statistics.

- ✦ Protecting data, software, and hardware by coordinating, planning and implementing
- ✦ network security measures.
- ✦ Maintaining and administering computer networks including systems software, applications .
- ✦ software, hardware, and configurations.
- ✦ Supporting the roll-out of new applications.
- ✦ Conferring with network users about solving existing system problems.
- ✦ Setting up new users' accounts and profiles.

2014 - Present

Self-employed (Freelancing) Online platforms to assist and support students.

- ✦ Helping and supporting in different projects using OPNET and ns2, such as:
 - Comparing different types of wired and wireless networks.
 - Hando_ and mobility in WIMAX networks.
 - QoS of Routing protocols over Ad-hoc networks.
 - QoS for campus networks. ○ Black holes attacks in mobile wireless networks.
 - QoS of VLAN Networks.

2011 - 2012

Technical support engineer, Ministry of Public Works and Housing of Jordan.

- ✦ Installing and configuring computer hardware operating systems and applications.
- ✦ Monitoring and maintaining computer systems and networks.
- ✦ Troubleshooting system and network problems and diagnosing and solving hardware or software faults.

2009 - 2010

**B.Sc. Training, Technical support engineer (Trainee)
Fourth Dimension Systems (FDS) Co.**

Training Courses:

- ✦ Arab Spring Conferences Training for Youth (2019): Leadership, and Information Security training.
- ✦ Training of Trainers (TOT) Digital Safety from Secdev Foundation (2019)
- ✦ Gaming Programming using Unity, Gaming Lab Camp (2019).

- ✦ Training of Trainers (TOT) Gaming Programming using Unity, Gaming Lab (2019).
- ✦ CCNA Course: Internetworking, Subnetting, TCP/IP Model, IOS model, IP Routing, Virtual LANs (VLANs).
- ✦ Computer Maintenance Course: Maintenance Hardware, and software problems, and formatting.
- ✦ ICDL Certificate: Microsoft Office package including Word, Excel, Outlook Express, and PowerPoint.
- ✦ Business English Communication Skills: English relative to work environment, including technical writing, email writing, meeting handling, Work Interview and CV writing.

Workshops

- ✦ Digital Safety and Cyber-crimes law workshop in corporate with International Center Not for Law.
- ✦ Digital Services Embedded Systems: Embedded system components, ADSL, Telecommunication system.
- ✦ Internet Smart User: Internet usage, searching, mailing, protecting from hacking.

Computer Skills

- ✦ Microsoft Office including:
Word, Excel, Access, Publisher and PowerPoint. (ICDL)
- ✦ Engineering Software: OPNET, NS2, AUTOCAD, MATLAB, Unity.
- ✦ Computer Language Program:
C++, C#, HTML.
- ✦ Excellent knowledge in the internet

REFERENCES

- **Ahmad Hegab**; Digital Safety Officer at Secdev foundation.

E-mail: A.mahmoud@secdev.foundation

Phone No.: +1 (819) 319 – 4178

- **Dr.Raed AL-Zubi**; - Associate Professor in Electrical Engineering at University of Jordan.

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