JAAFAR MAHFOUD

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LANGUAGES

Arabic - native
English – C2
French – A1

SUMMARY

communication engineer

- studying Master degree in Networking Technologies.
- Well-versed in numerous simulation environments including MATLAB,C++, C, Python.
- computer and mobile Maintenance technician.
- *good* knowledge *in* Networking *and* Cybersecurity,
- *university* supervisor in cybersecurity projects.
- Network and system administrator.

EDUCATION HISTORY

NCD high school
Year of Graduation: 2016

HIAST
Diploma degree in communication engineering.
Year of Graduation: 2022

SVU
Master degree in networking technologies
at the moment

TRAINING COURSES:

Advanced Malware and Network Anomaly Detection coursera : 2025

Introduction to AI for Cybersecurity
coursera : 2025

Cybersecurity for Everyone
coursera : 2024

NPA
SCS:2023

CWNA
LLC:2023

Centos Stream Administration
SCS:2023

CEH Certification
CDAC:2022

mobile fixing Certification
Al-Reda center: 2016

PROFFESIONAL SKILLS

- vulnerabilities scanning and penetration testing:
  - web and servers scanning vulnerabilities .
  - driving kali Linux system and using its tools to perform penetration testing method and attacks.
  - studying famous attacks and analyze it to find perfect solution for suggested system .
  - IT auditing and project management assessments(RISK assessment).

- Linux server administration
  - CentOS OS.
  - Firewall Management, Security Enhanced Linux, repository Management.
  - Virtual Hosting, File sharing, Network management applications.
  - storage management, apache server, storage management LVM.
  - file sharing samba , mail exchange
- wireless Network administration
  - AP Devices.
  - wireless network Design.
  - wireless infrastructure (repeaters, Bridge....).
  - wireless security (WPA2 ,WPA3).
  - wireless standards combability IEEE802.11a , IEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11d ,IEEE802.11ac
  - wireless Lan controller.
- Network administration
  - Mikrotik Devices.
  - Router OS (cloud hosted router, router board).
  - Firewall Management, packet filtering, load balancing, VPN connections, wire guard, IP tunneling, DHCP ,DNS.
  - Hotspot management ,Radius server
  - windows server OS.
  - Domain controller, Alternative DC, users management, group policy management.
  - DHCP failover, DNS, server Exchange.
  - ESXI virtualization.
  - cisco devices (IOS).
  - dynamic and static routing protocols.

WORK EXPERIENCE

- computer-mobile Maintenance technician 6 months:
  - software and apps download.
  - replacing damaged parts.
  - troubleshooting and detecting problems.
- VA (vulnerability assessment) and penetration tester one year experience:
  - scan apps and web sites for vulnerabilities.
  - auditing security policies and process.
  - scan for vulnerabilities in servers and networks.
  - works on anti-malware product (Kasper sky).
- Online tutor 4 years experience:
  - teach private lessons for all levels in programming and engineering subjects (Informatic and telecommunication), using online sites meeting.
- Radio Planning Engineer Wafa-Telecom 6 months:
  - studying the Radio sites status and distribution in the project of launching wafa-telecom company as a mobile service provider with new Generation.
- ICT and system developer SMART-ROUTE 8 months:
  - design and test telecom systems and products (TETRA IWF) .
  - design and plan system algorithm for modular systems (cognitive Radio).
  - studying Telecom protocols (SIP ,RTP .....)
- Planning and IT manager at General Cinema Organization at the moment:
  - managing and maintain IT infrastructure in the Organization.
  - managing web and domain application.
  - Organize and follow-up public events.
- University teacher at SPU at the moment:
  - teaches undergraduates student.
  - teach subjects of operating systems , programming in c, python and fundamental of cybersecurity and network security.