

MAHMOUD BALHAS

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Summary:

I am an accomplished Electronics and telecom Engineer with 2.5 years of expertise in the installation, maintenance, and surveillance of cameras, fire systems, transmitters, and site surveys within the electronic security sector. My adeptness in electronic device maintenance, coupled with a robust grasp of troubleshooting and repair methodologies, underscores my proficiency. I possess commendable programming skills, capable of crafting dynamic websites and innovative Android applications. My skill amalgamation uniquely positions me to make valuable contributions to projects encompassing electronics, telecommunications, and software development.

EXPERIENCE

Internship: Network Engineer & Cybersecurity

CNS Solid Network (ICC members)

Oct 2023 – Dec 2023

Network Engineering:

- Configured and maintained network infrastructure, specializing in VLAN implementation, switching, and routing protocols, including OSPF.
- Implemented security measures to safeguard the network infrastructure, addressing vulnerabilities and ensuring compliance with industry standards.
- Gained hands-on experience in configuring and managing Cisco devices, completing CCNA1&2 certification courses.
- Collaborated with the team to troubleshoot and resolve network issues, ensuring seamless connectivity.

Cybersecurity in Palo Alto Firmware:

- Worked on Palo Alto firewalls, focusing on NAT configurations, security policies, and overall network security.
- Developed and implemented security policies to protect against cyber threats, ensuring a robust defense mechanism.
- Acquired proficiency in managing and configuring Palo Alto firewall firmware to meet cybersecurity standards.
- Conducted security assessments, identified potential risks, and recommended and implemented corrective measures.

Assistant Trainer - Electrical Training Courses

Makassed Philanthropic Islamic Association

July 2023 – Dec 2023

- Conduct theoretical and practical training sessions in electrical engineering courses.
- Instruct students on fundamental electrical concepts, circuit analysis, and practical applications.
- Provide hands-on guidance in troubleshooting and repairing electronic devices and systems.
- Develop and deliver comprehensive training materials, including presentations and practical exercises.
- Foster a collaborative and interactive learning environment to enhance students' understanding.
- Coordinate with fellow trainers and instructional staff to ensure cohesive course delivery.
- Stay updated with industry trends and technological advancements to integrate relevant content into training.
- Receive positive feedback from students for clear explanations and effective teaching methods.

Internship: Telecom Engineer

Ogero

May 2023 – July 2023

- Gained hands-on experience in the telecommunications field during the internship at Ogero.
- Assisted in the maintenance and management of PSTN infrastructure.
- Developed a comprehensive understanding of PST switching and transmission.
- Acquired practical skills in cable splicing, soldering, and network connection procedures.
- Analyzed technical equipment-generated data graphs for troubleshooting and optimization.

Security Systems Installation and Maintenance Specialist

Engineering Group Contractors

Aug 2018 – Nov 2018

- Installed and maintained CCTV camera systems, ensuring optimal surveillance functionality.
- Executed the installation of fire systems, ensuring compliance with safety regulations.
- Implemented lightning drainage systems for tall buildings to minimize lightning strike risks.
- Contributed to the enhancement of security systems, bolstering premises safety.
- Performed routine maintenance of lightning-discharging devices at high-profile locations, including the airport and prominent malls.

EDUCATION

MASTER OF SCIENCE IN COMMUNICATION ENGINEERING

Lebanese International University (LIU)

2023-present

BACHELOR OF SCIENCE IN COMMUNICATION ENGINEERING

LEBANESE INTERNATIONAL UNIVERSITY (LIU)

2018-2023

- GPA: 2.8

Electronics BT1, BT2, and BT3

Abdel Hadi Debs Almakassed

2015-2018

COURSES AND CERTIFICATES

- CERTIFICATE IN SECURITY FUNDAMENTALS FROM LIU IEEE.
- Certificate in Cybersecurity from Cisco Networking Academy.
- CERTIFICATE IN TECHNICAL SUPPORT FUNDAMENTALS FROM GOOGLE.
- CERTIFICATE OF BRILLIANCE IN WEB DEVELOPER.
- CERTIFICATE IN FUNDAMENTALS DIGITAL MARKETING FROM MAHARAT MIN GOOGLE.

SKILLS

- Proficient in Microsoft Office Applications (Word, Excel, & PowerPoint).
- Experienced with NetBeans, Logisim, Modalism, Android, APACHE, and Programming Languages.
- Familiar with LtSpice, Proteus, AutoCAD, and HTML.
- Competent in Cisco Networking, including VLAN configuration and security measures.
- Cybersecurity expertise, including Palo Alto firmware configuration, security NAT, and zone management.
- Skilled in using Visual Studio Code for development.
- Proficient in Database Management.

LANGUAGES

- Fluent in Arabic (Spoken and Written).
- Good command of English (Spoken & Written).

