

Mohamad Harmouche

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Objective

Detail-oriented and highly motivated IT professional with a robust foundation in software development and network security. Proven ability to swiftly adapt to evolving technology landscapes and excel in dynamic and collaborative tech environments. Experienced in implementing Microsoft technologies, networking solutions, and collaborating with vendors for seamless integration. Adept at contributing effectively to project success and demonstrating proficiency in a diverse range of IT skills.

Education

- Master of Science in Computer Science
Lebanese International University, Tripoli, Lebanon
2021- 2023 | GPA: 3.74
- Bachelor of Science in Computer Science
Lebanese International University, Tripoli, Lebanon
2019-2021 | GPA: 3.70
- Technical Baccalaureate Degree in Information Technology (IT)
Institute Technique De Zgharta, Tripoli, Lebanon
2018
- Secondary Education Certificate
Tripoli, Lebanon
2015

Work Experience

Cybersecurity Generalist Intern

Commonwealth Bank Introduction to Cybersecurity Job Simulation on Forage | July 2024 - Online

- Completed a job simulation involving the role of a cybersecurity generalist, specializing in fraud detection and prevention for Commonwealth Bank's Cybersecurity team.
- Developed skills in building data visualization dashboards using Splunk to uncover patterns and insights in historical customer data, aiding in fraud detection.

- Demonstrated the ability to respond effectively to cybersecurity incidents, including notifying relevant teams, collecting information, containing and stopping attacks, and aiding in recovery efforts.
- Enhanced security awareness expertise by designing infographics promoting best practices for secure password management, following Australian Cybersecurity Centre advice.
- Acquired practical experience in penetration testing, assessing the security of web applications, identifying vulnerabilities, and providing recommendations for remediation to bolster cybersecurity defenses.

IT Infrastructure Specialist

NetWatch Company | February 2024 – April 2024

- Designed and implemented optimized network configurations for routers and switches, improving overall network performance.
- Managed and configured the central Grandstream system, enhancing communication efficiency across the organization.
- Installed and configured Lenovo, Cisco, and HP servers, including RAID configuration, Windows Server deployment, and driver updates, ensuring stable and secure server environments.
- Demonstrated expertise in network cable creation, ensuring reliable connectivity and adherence to industry standards.
- Resolved complex software and hardware issues in PCs, minimizing downtime and improving user productivity.
- Upgraded laptop hardware to improve system speed and performance, ensuring optimal functionality for users.

Network Security Engineer

Premiatek IT Solutions Company, Lebanon | September 2023 – February 2024

- Implemented and managed diverse Microsoft technologies, enhancing network security infrastructure.
- Collaborated with vendors for seamless integration and support.
- Configured firewall rules, ports, and NAT rules to enhance network security and performance.
- Spearheaded the setup of wireless configurations, VLANs, and WLANs, ensuring optimal network coverage.
- Configured IP telephony systems for efficient communication.
- Integrated Synology in a Windows Virtual Machine, streamlining network-attached storage (NAS) functionalities.

Software Developer Internship

VNEXT Technologies DWC-LLC, Dubai, UAE | July 2023 - October 2023 - Remotely

- Contributed significantly to the development of Microsoft Power Platform solutions.

- Collaborated on business units, security roles, and data models, enhancing overall solution robustness.
- Designed user-friendly interfaces for Model-driven and Canvas apps.
- Developed Power Apps Components (PCF) and web resources, customizing UI elements.
- Leveraged Power Automate for business process automation.
- Created dashboards and reports in Power BI, facilitating data visualization and informed decision-making.

Technical Skills

- **Programming Languages:** Java, Python, C++, C#, PHP
- **Databases:** MySQL, Oracle Database, SQLite
- **Networking:** Cisco Packet Tracer, IP Addressing, DHCP, DNS, VLAN Trunking, Inter-VLAN Routing, NIC Teaming, Link Aggregation, Switching and Routing Configuration, Network Load Balance (NLB), Firewall Management, Network Access Protection (NAP)
- **Security Testing Tools:** Burp Suite, Penetration Testing
- **Backup Solutions:** Veritas, Acronis
- **Telephony Systems:** Grandstream
- **Microsoft Technologies:** Windows Server, Hyper-V, Active Directory, Windows Deployment Service (WDS), Windows PowerShell
- **Operating Systems:** Linux CLI, Package Management, File System Management, Basic Shell Scripting
- **Development Tools:** Visual Studio Code, Visual Studio, Android Studio
- **IT Support:** PC Troubleshooting, Problem-Solving, Maintenance
- **Version Control:** Git, GitHub
- **Software Engineering Methodologies:** Agile, Scrum
- **Design Tools:** Adobe Photoshop, Adobe Premiere
- **Microsoft Office:** Word, Excel, PowerPoint
- **Cybersecurity:** Fraud Detection, Incident Response, Data Visualization with Splunk, Password Security, Data Analysis, Incident Triage, Compliance Knowledge, Risk Mitigation

Certifications

- Implementation of Computer Networks – Mahara-Tech, July 2025
- CS50x: Computer Science – Harvard University, July 2025
- Training of Trainers (TOT) – June 2024
- Google IT Support Professional Certificate – Coursera, May 2024
- Offensive Cybersecurity Bootcamp – Semicolon Academy, April 2024
- Network Security – NetAcad, July 2023
- MCSI Course – YouTube, 2023
- HTML & CSS – Mahara-Tech, November 2022
- IT Essentials: PC Hardware and Software – NetAcad, 2021
- CCNA R&S: Scaling Networks – NetAcad, 2021
- CEH (Certified Ethical Hacker) – Mahara-Tech, 2021
- CCNA R&S: Routing and Switching Essentials – NetAcad, 2020
- CCNA R&S: Introduction to Networks – NetAcad, 2020
- Affiliate Marketing – Bassem Najar, 2019

(Note: Certificates of completion available upon request.)

Languages

- Arabic
- English