Mohammad Khawaja

Computer and Communication Engineer
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Ogero, Beirut — *Internship*

May 2023 - July 2023

The program focuses on the following topics:

- Exchange Designs
- Telecom Services through Copper Cables
- Telecom Services through Fiber Cables
- FTTx Network

IdeasADDS, Livonia MI — Wordpress and SEO Developer

Sep 2022 - Feb 2023

Main responsibilities:

- Implement Wordpress Websites based on Figma Designs
- Adapt to using different builders, mainly elementor pro
- Create different types of websites from landing pages to e-commerce
- Troubleshoot, backup, restore, and migrate websites
- Create SEO strategies, content, and backlinks

Evolve Solutions, Dearborn MI — *Junior Frontend Developer*

Mar 2021 - Sep 2022

At First I was working as a Flutter front-end developer, I then started working with WordPress-based websites, where I honed my skills in WordPress design and implementation. During that time I had a ui/ux training and was working as a part of the team where we would work on the same app and distribute tasks among us.

Luna's Engineering Office, Tebnin — *Assistance*

Jan 2018 - Jan 2021

I was involved in creating maps using AutoCAD software, managing client data using Excel, and maintaining the computer systems at the office. This role gave me the opportunity to develop my skills in computer-aided design (CAD) and data management, as well as experience in maintaining and troubleshooting computer systems.

Lebanese International University, Beirut — *MSc in Computer and Communication Engineering*

My thesis was focused on malware detection and classification using Python, where I worked with a 500 GB dataset from Kaggle. Through this research, I gained some experience in data analysis, machine learning and programming with Python. I was able to optimize the usage of algorithms and models for the best results. Graduated with honor

Lebanese International University, Tyre — *BSc in Computer Engineering*

Graduated with distinguished honor from Bachelor's. My senior project was an Android healthcare app that was developed during the start of the Covid-19 pandemic using Java and Android studio. It was focused on providing guidelines and tips for managing the pandemic as well as a visual map that shows nearby medical care locations.

SKILLS

- Creating and maintaining Wordpress websites / Applying Figma designs
- SEO (Strategies,Content, Backlinks)
- *Knowledge* about Telecom services, standards, and networks evolution:
    - Public Switched Telephone Network (PSTN)
    - Voice over IP (VoIP)
    - Packet-Switched Networks
    - Multiprotocol Label Switching (MPLS)
    - Virtual LANs (VLANs)
    - TCP/IP Protocol Suite
    - Network Address Translation (NAT)
    - Quality of Service (QoS)
    - Wireless Technologies
    - Fiber Optics
    - Routing and Switching
    - Network Security
    - Satellite Communication
    - GSM, CDMA, 3G, LTE, and others standards
- Operating systems and troubleshooting them
- Creating maps using AutoCAD
- Frontend web development html/css/javascript/React
- Dart/Flutter
- PowerBi and SQL
- Ni Labview, Matlab
- Networking Fundamentals, topics covered in CCNA
- Cisco packet tracer, wireshark, GNS3
- Basic knowledge in Java, Python, Assembly, Arduino
- Machine learning basics
- Ethical hacking basics