

Dania.M.Kammouni

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Objective

Dedicated and enthusiastic engineer with a strong foundation in computer and communications engineering, complemented by hands-on project experience and certifications in networking and security. Eager to contribute to innovative projects and collaborate with development, technical, or testing teams. Passionate about applying my skills and knowledge to drive impactful solutions and further enhance my expertise in the field

Education

Rafik Hariri University (RHU) Sep. 2021- 2025

Bachelor of Engineering in Computer and Communications Engineering – Spring 2025 Graduate

Relevant Coursework:

- Networking and Telecommunications
 - Full-stack Website Developer
 - Software Development (Java, Python, C++)
 - Machine Learning and AI Development
 - Data Structures and Algorithms
 - Quality Assurance and Testing
 - Data Science and Web Scraping
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Skills

Languages: Arabic (native), English (Fluent), French (Beginner).

Technical Skills:

- Programming: SQL, Python, C++, MATLAB, JavaScript, C#
- Data and Web Technologies: XML, HTML, CSS3, PHP
- Development Frameworks: Laravel, Flutter, Bootstrap
- Applications: Arduino, Wireshark, Emona, Matlab Cisco Packet Tracer
- Networking: Network Security, CCNA-certified Knowledge, Cyber Security
- Development and Automation Tools: Git, Visual Studio, Android Studio
- Web Scraping using selenium and analysis using Streamlit
- Software proficiency: Word, Excel, PowerPoint

Soft Skills:

- Excel in presentation, communication and writing skills; works well in a team setting, strong analytical and problem solving abilities.

Certifications

- Cisco CCNA Certifications:
 - Introduction to Networks
 - Switching, Routing, and Wireless Essentials
 - Network Security
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Projects

Front-End Coffee and Bookshop Website:

- Designed and developed a responsive front-end website for a coffee and bookshop.
- Focused on user-friendly UI/UX design and smooth navigation.

Full-Stack Coffee Shop Application:

- Built a full-stack web application for a coffee shop.
- Integrated front-end and back-end functionalities for seamless order management.

Embedded Home Automation Using Arduino and MIT App Inventor:

- Developed an embedded home automation system using Arduino.
- Utilized MIT App Inventor to create a user-friendly mobile interface for remote control.

Mobile Application Project:

- Designed a mobile application using Android Studio.
- Incorporated AI and machine learning features for enhanced functionality.

Job Matching System Based on User Skills

- Scrape job postings.
- Extract structured data, including job titles, required skills, salaries, and locations.
- Clean and preprocess data to remove duplicates and inconsistencies.
- Take user input (skills) and match them to relevant job listings.
- Use machine learning to recommend personalized job listings.
- Provide direct job application links for easy access.

Lebanese Map Using Python with AI Methods:

- Implemented a map of Lebanon using Python.
- Applied AI pathfinding algorithms like A* for optimized navigation.

Smart Agricultural System Using Cisco:

- Designed a smart agricultural monitoring system utilizing Cisco technologies.
- Focused on network security and automation for enhanced efficiency.

Wireless Charging of Electric Cars and Monitoring Through an App Using IoT (Summative Learning Project):

- Developed an IoT-based wireless EV charging system with real-time monitoring.
 - Built a Flutter mobile app to display charging status, battery percentage, and notifications.
 - Integrated Arduino and MQTT communication for live charging updates.
 - Implemented automated alerts for charging started, full, disconnected, or misaligned states.
 - Enhanced user experience with a seamless UI and real-time tracking.
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Experience

MK AND SONS TIRE| LEBANON

Book-Keeper, Full time, March 2021- Present

- Maintain Accurate and up to date financial records.
- Assist with payroll processing and manage staff schedule/shifts.
- Support Budgeting processes in order to plan purchases and sales accordingly.

LEBANESE RED CROSS| LEBANON

Emergency Medical Technician, Part Time, September 2021- Present

- Coordinate with a team and respond to emergency patient calls.
- Work under pressure to secure the safety of the patient.
- Maintain a high level confidentiality for the patient and mission.

BRIGHTCAMPS| ONLINE

Coding Teacher, June 2023- Sep 2024

- Provided coding classes in various languages.
- Delivered engaging and effective learning experiences for ages 7 to 18 years.

Private Tutoring| LEBANON

September 2020 – June 2025

- Teaching in Person and online privately to students that need extra learning, using activities, games and making learning as accepted as possible. (for grades 1 to 8)
- Reinforce lessons, prepare students for exams, and identify questions students had

References

Available upon request

