

# Dima F. Alameh

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## SUMMARY

Highly motivated recent Computer and Communications Engineering graduate with a strong foundation in software development, data analysis, machine learning, information technology, and cybersecurity. Skilled in Python, C#, C++, and SQL. Proven ability to quickly adapt to new environments, collaborate effectively in team settings, provide technical support, and ensure system efficiency.

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## EDUCATION

### Bachelor's degree in Computer and Communications Engineering

Rafik Hariri University - RHU • Meshref, Lebanon • 2024

### Lebanese Baccalaureate in Life Science

Moukhtara Official Secondary School • Moukhtara, Lebanon • 2018

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## EXPERIENCE

### Student Assistant

Engineering and Admissions Department - RHU

09/2021 - 04/2023

- Assisting designated faculty members within the department and supporting students in addressing their requirements.
- Serving as a university ambassador, undertaking responsibilities such as school visits and diverse administrative duties..

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## PROJECTS

### Beyond Classical Limits: Exploring the Frontiers of Post-Quantum Cryptography

- Research Project.

### Optimization of Computer Networks Architecture Using Machine Learning

- Summative Learning Project.

### Cognitive Radio Networks: Utilizing the Wireless Spectrum

- Research Project.

### Design and Simulation of a Parabolic Antenna: Parameters and Applications

- Research Project.

### Design a CPU for Washing Machine

- Embedded System Project.

### Wedding Planner Application

- Desktop Application.

### Security Women System

- Embedded System Project.

### Agriculture System

- IOT System.

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## CERTIFICATIONS

### Fall in Love with Machine Learning

Zaka Academy

### CCNAII: Switching, Routing, and Wireless Essentials (Cisco certified with merit)

Cisco Academy

### Introduction to CyberSecurity

Cisco Academy

## CyberSecurity Essentials

Cisco Academy

## Database and Python Foundations Course

Workforce by Nucleus Ventures and Woz Global

## Network Security (Cisco certified with merit)

Cisco Academy

## Fundamentals of Deep Learning

Nvidia - Deep Learning Institute

## CCNAI: Introduction to Networks (Cisco certified with merit)

Cisco Academy

## Front End and Back End Program Development

Workforce by Nucleus Ventures and Woz Global

## Coding from Scratch

Workforce by Nucleus Ventures and Woz Global

## Robotics Course

Dot Lebanon

## Mobile Application Development

Dot Lebanon

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## COURSEWORK

### Become a Cybersecurity Professional

Nammiskills • 2025

- Cybersecurity / Threat & Vulnerability Management / Career Management / Tech Career Skills OWASP / Web Application Security
- Learned valuable skills in cybersecurity, threat and vulnerability management, and web application security, strengthening technical foundations and preparing for future career application.

### Cybersecurity with Cloud Computing

Nammiskills • 2025

- Cybersecurity / Cloud Security
- Developed cybersecurity and cloud security expertise, enhancing technical knowledge and readiness for future career application.

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## INVOLVEMENT

### Front End Development Internship

CodeAlpha Company • January 2025 - February 2025

- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript, showcasing skills, projects, and experience.
- Optimized website layout for responsiveness across various devices using modern CSS techniques and frameworks.

### Cyber Security Internship

CodeAlpha Company • January 2025 - February 2025

- Developed a network sniffer using Python to capture and analyze network traffic, providing insights into packet structure and data flow.
- Gained hands-on experience in implementing security measures, including encryption and intrusion detection systems.
- Conducted in-depth analysis of network vulnerabilities to enhance system security.

### Telecommunications Internship

Lebanon • 3E Technologies • May 2024 - July 2024

- Comprehensive analysis of the fundamental elements and features of the GSM architecture.
- Recognizing signal processing, network operations, and GSM protocols.
- Examine GSM services, including messaging, phone calls, and data transmission.
- Review of the most recent GSM technological developments, trends, and difficulties.

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## SKILLS

**Engineering Software:** Matlab/Octave, Arduino IDE, Packet Tracer, CST Software, Visual Studio Code, My SQL Software.

**Web Frameworks:** Familiar with ASP.NET Core, Git, JSON.

**Languages:** Arabic (Fluent)   French (Fluent)   English (Fluent)

**Programming Languages:** Python, C#, C++, JavaScript, HTML5, CSS.

**Database and Networking:** SQL, MySQL, CCNA, Network Security

**Soft Skills:** Troubleshooting, Technical Support, Problem-Solving, Team Collaboration, Time Management

**Computer Software (Microsoft):** Word, Excel, PowerPoint.

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