

Chloé Khoury

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EDUCATION

Master of Engineering – CCE, Lebanese University – Faculty of Engineering, Roumieh

Oct 2021- Present

- Top 2% among 244 students, Average: 93.5/100
- Expected Graduation: June 2026

Lebanese Baccalaureate - General Sciences, Besancon Baabdash

Sep 2016- Jun 2021

- High Distinction

PROFESSIONAL EXPERIENCE

Cyber Security Consultant Intern, POTECH - "Paths of Technology"

Jul 2024- Oct 2024

- Conducted passive reconnaissance using OSINT, identifying external threats.
- Utilized Kali Linux tools for network examination and vulnerability assessment.
- Conducted active testing on DVWA vulnerabilities (brute force, command injection, SQL injection, CSRF, XSS...).
- Developed Python scripts to automate web scraping.

Python Developer Intern, CODSOFT

Aug 2024- Sep 2024

- Developed interactive Python GUIs using Tkinter, enhancing user experience in desktop applications.
- Implemented efficient algorithms, improving overall performance and user interaction.

C++ Developer Intern, CODSOFT

Aug 2023- Sep 2023

- Developed console-based C++ applications, including a Tic-Tac-Toe game and a To-Do List using linked lists.
- Designed scalable solutions and improved overall application logic independently.
- Contributed to debugging, unit testing, and ensuring code quality for multiple projects.

PROJECTS

Pacman Game - Java, JavaFX, MySQL

May 2024

- Developed a Pacman game with a login system for users and admins, enabling statistics tracking.
- Implemented a shortest path algorithm for ghosts using JavaFX for the GUI.

Virtual Casino Simulation - Python (Ursina, Pygame)

Jun 2024

- Designed a virtual casino simulation in Python, using Ursina for 3D rendering and Pygame for game logic.
- Simulated physics-based mechanics for a slot machine and a wheel of fortune, applying statistical analysis.

Rock-Paper-Scissors Game – Python (Tkinter)

Aug 2024

- Created an interactive game using Tkinter for GUI design and event handling.
- Randomized computer moves and compared them with the user's choice, featuring dynamic score tracking.

EXTRACURRICULAR ACTIVITIES

Chair, Roumieh Advanced Software Society (RASS)

Jun 2024- Present

- Manage a team and execute educational events on software development.

Volunteer, The Kids Circle Foundation

Jul 2023- Present

- Create educational resources and support children in orphanages through engaging activities.

Social Media Assistant, Roumieh Advanced Software Society (RASS)

Oct 2023- Jun 2024

- Managed social media content and promoted the club's events.

SKILLS

Programming Languages: C, C++, C#, Java, Python, SQL, HTML, CSS, MATLAB, MIPS Assembly

Software Proficiency: MySQL, Git, Docker, Kali Linux, NI Labview, AutoCAD, Inventor, Eagle23, Proteus, Mars, Microsoft Office

Languages: Fluent in English, French and Arabic

Soft Skills: Teamwork, Problem Solving, Critical Thinking, Time management, Communication

CERTIFICATIONS

Professional Skills: Introduction to Cyber Security (Oxford Home Study); Introduction to Networking (Nvidia); Python, Java Beginner & Intermediate (Sololearn); Web Development Series (IEEE); Machine Learning (Coursera)

Leadership Skills: LebNet Fellows Tech Program (LebNet); Design Thinking (CentreMINE); Project Management (Great Learning)