

ROGER ABI KHALIL

SOFTWARE DEVELOPER

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PROFESSIONAL EXPERIENCE

Upscale Hub, Remote (March 2025 – August 2025)

- Served as E-learning Developer – Interactive Media & Instructional Design for international clients.
- Developed serious games and interactive learning modules using Articulate Storyline.
- Synchronized voiceover audio with animations, ensuring precise cue points and smooth learner experience.
- Implemented advanced triggers and branching logic for interactive scenarios.
- Designed custom feedback systems with sound effects and animations for enhanced engagement.
- Translated complex biological storyboards into functional, interactive scenes using layered graphics, animations, and quizzes.

Multilane Technology Park, Houmal — October 2024 – November 2024

- Developed a TCP server–client communication system using C++ sockets.
- Applied advanced Object-Oriented Programming (OOP) and memory management skills.
- Integrated C++ with WPF via C++/CLI.
- Delivered a hotel reservation application using MVVM architecture.
- Utilized strong C# and C++ expertise to meet project goals.

EDUCATION

- **Antonine University, Baabda - Hadat (September 2022 – Graduated June 2025 *only final year project presentation pending*)**

Bachelor of Technology in Computer Science

University Projects:

- Developed mobile and web applications using React, JavaScript, and React Native.

- Built Java and JavaFX desktop applications with MySQL and NoSQL database integrations.
- Designed and deployed functional websites using modern front-end frameworks.
- Implemented server-side storage solutions via MySQL Workbench.
- Enhanced backend performance through optimized coding practices.

- **Lebanese University, Hadat (September 2021 – September 2022)**

Faculty of Science – Biochemistry

- **College Notre Dame des Sœurs Antonines, Kfarshima (Graduated June 2021)**

Lebanese Baccalaureate – Life Sciences

TECHNICAL SKILLS

C++, Java, JavaFX, Python, HTML, CSS, JavaScript, jQuery, SQL, Assembly, PC building, Hardware & software troubleshooting

TOOLS

Figma, Microsoft Excel, Microsoft Word, Articulate Storyline

LANGUAGES

English – Fluent

Arabic – Native

French – Fluent