

Noel AbdAl Karim

Software Developer

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TECHNICAL SKILLS

C# - ASP.NET - Unity - Windows Forms - WPF - Java - Spring Boot - Python - C++ - Arduino - HTML - CSS - JavaScript - React - Kotlin - SQL - TSQL - NoSQL - Git - OOP - Linux - Shell scripting - regex - Docker

LANGUAGE

- French
- Arabic
- English

EDUCATION

Bachelor's Degree in Computer Science (GPA : 3.76)

Faculty of Engineering (INCI), Saint Joseph University | Beirut , Lebanon

2023 – 2026

WORK EXPERIENCE

Software Developer Internship

Jul2025– May2026

Potech I Mar Roukoz, Lebanon

Developed a C# desktop application for the Windows platform that automates all stages of a digital forensics investigation:

- Data Collection: Collects thousands of records from multiple sources, including Windows event logs, remote desktop applications, file-sharing applications, and browser history, along with system information about the running machine, using C# and PowerShell.
- Examination: Leverage pattern matching and Machine Learning to detect suspicious activities.
- Analysis: correlates suspicious events and artifacts using an LLM, producing multiple reconstructed timelines of potential attacks.
- Reporting: Generates structured forensic reports containing detected suspicious activities, correlated events, and analysis results in a clear and organized format.

Full-Stack Software Developer Internship

Sep 2024 - Nov 2024

Computer and Communications Services and Solutions - CCSS I Sed El Bauchrieh , Lebanon

Developed the back-end logic in C# for a car rental system, collaborating in a team on the database design. Built a reservation algorithm that prevents overlapping bookings on the same vehicle and implemented a secure role-based access control system, delivering the project through both a desktop (WinForms) and web (Razor Pages) interface.

PROJECTS

Job Recruitment System

Collaborated with a team to build a Java web-based recruitment platform, using Spring Boot and MySQL, where companies can post job openings and manage the full hiring pipeline, while applicants can create profiles, submit applications, and track their status. HR staff review applications, shortlist candidates, schedule interviews, and record decisions.

Android Music Player App

Collaborated with another developer to build a Kotlin-based local music player app that explores the user's local library. Designed a hierarchical playlist composition system where playlists can inherit tracks from existing one, with automated updates propagation.

VOLUNTEER EXPERIENCE

Competition Judge

2024

National MakeX Robotics Competition | Lebanon

Guaranteed a fair competition by preventing cheating attempts and evaluating robot performance against strict scoring criteria.

INTERESTS

- Parkour
- Muay Thai
- Japanese Jiu Jitsu