

# Youssef Yammine

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## Profile

Problem solver at my core; with an unmatched passion for engineering, code, automation and design.

## Experience

### Murex SAAS FinTech - Software Engineer (Full-time) - June 2024 - Present

- C++ development for the MX.3 platform. Worked in agile teams to deliver features and fix client-reported bugs.
- Enhanced regression testing and increased code coverage percentage using the GTest C++ Framework.
- Created a Linux command-line tool for developers to optimize the continuous integration workflow.
- Transformed legacy GUI code into an object-oriented framework emphasizing modularity.

### Murex SAAS FinTech - Software Engineer (Part-time) - October 2023 – June 2024

- Designed and implemented a C++ logging library for better log clarity and visual representation.
- C# desktop application development: worked on an internal desktop application to automate the developer workflow and simplify the use of legacy version control systems.

### Murex SAAS FinTech - Software Engineer (Internship) – July 2023 – October 2023

- C++ legacy modernization for the MX.3 platform. Refactored legacy containers written in C into containers from the C++ standard library (STL), with a focus on efficiency.
- Addressed both functional and performance regressions. Added test coverage to previously uncovered code.
- Wrote automation scripts for static code analysis and file modification in bulk for better code quality.

### Freelance Software Developer - October 2021 – May 2023

- Developed automation bots for GUIs or web application quality assurance (QA) using Python.
- Created Linux automation scripts which monitor servers, complete tasks at fast speeds or run indefinitely.

## Education

### Master's degree in Software Engineering - University of Saint Joseph (USJ), Beirut – 2019 to 2024

Relevant courses taken:

- Data Structures & Algorithms – Object-oriented Programming (OOP) - Software Design Patterns

## Language Proficiency

Arabic (Native) – English (Fluent) – French (Conversational/Intermediate)

## Skills & Abilities

- Proficient in C, C++, Python, C# & Java
- Git, Perforce, Vim, Vs Code, Visual Studio
- Linux bash command-line & bash scripting
- Back-end Development
- Competitive Programming
- Technical & non-technical keynote speaking

## Honors and Competitions

LEBANESE COLLEGIATE PROGRAMMING CONTEST (LCPC) - 10<sup>TH</sup> PLACE - 2022