

Yanis Laribi

Software Engineering Student - GPA 3.5

Profile

Third-year Software Engineering student from Canada passionate about building impactful software and learning through hands-on projects. Experienced working under pressure (hackathons), collaborating in diverse teams, and adapting quickly to new tools and environments. Fluent in English, French, and Arabic. Known for being resourceful, curious, and proactive when solving engineering challenges.

Technical Skills

Programming Languages: C++, Python, Java, JavaScript/React, HTML5/CSS3, ARM Assembly

Tools and Software: Git/GitHub, FastAPI, Tailwind CSS, Qt, Altium Designer, Circuit Simulation Tools, VS Code, CLion

Engineering Focus: OOP, API design, system design thinking, debugging, problem solving, teamwork and leadership

Project Experience

NutriTrack - Full-Stack Web App (Hackathon)

Designed and built a complete full-stack application in 24h, demonstrating rapid prototyping and end-to-end development. Developed FastAPI backend with structured endpoints, modular scoring logic, and lightweight persistence. Engineered a responsive UI with Tailwind CSS and JavaScript, focusing on clean UX flows and maintainability.

Bank Account Management System - C++ and Qt

Implemented a robust OOP financial system using modern C++ design principles. Added exception-safe logic, validation layers, and extensible account types. Built a Qt GUI enabling real-time interaction, improving usability and system visibility.

Quixo - Python Game Client Using REST API

Created a structured CLI tool integrating with a remote REST API. Designed clear board logic, move validation, and formatting utilities. Developed automated tests ensuring long-term reliability and code clarity.

Professional Experience

Lanterne Rouge - Order Manager (2022-Present) Coordinated online workflows, strengthened communication, and optimized task prioritization.

Ma Boutique Scolaire - Warehouse Attendant (2022-2024) Improved inventory organization and operational efficiency.

Hema-Quebec - Telephone Service Representative (2020) Managed sensitive data and provided clear communication with donors.

Ecole De Rochebelle - Support Worker (2018-2019) Adapted communication techniques to support students with intellectual disabilities.

Languages

French (Native), English (Native), Arabic (Professional), Japanese (Basic), Spanish (Basic)