

OUABBA ABDELLAH

Computer Engineering Student

Québec, Canada

Email Address: contact@abdellahouabba.com

LinkedIn Profile: www.linkedin.com/in/abdellahouabba

PROFILE

Third year Computer Engineering student at the Université du Québec à Trois-Rivières (UQTR) with a strong foundation in programming, software development, and data analysis. Hands-on experience gained through academic projects in C programming and electronic and software system design, and most recently through an engineering internship at Flanders working on autonomous mining technology. Highly autonomous, detail-oriented, and analytical, with strong problem-solving skills.

EDUCATION

Bachelor's Degree in Computer Engineering

Université du Québec à Trois-Rivières

2024 to present

Relevant Coursework:

- Engineering Problem Solving in C
- Data Preprocessing and Analysis
- Applied Mathematics
- Digital and Logic Circuits
- Analog Circuits
- Electrical Engineering Software Tools

French Baccalauréat, science stream (mathematics and physics)

Groupe Scolaire la Résidence (GDGSR), Ben Guerir

2011 to 2023

Honours: Mention Très Bien

TECHNICAL SKILLS

Capabilities:

- Full-stack web development
- Circuit design and simulation
- Data analysis and processing
- Object-oriented programming
- AI agent systems

Technologies: TypeScript, JavaScript, HTML & CSS, Angular, Node.js, Python, Java, SQL, C

Tools: Git / GitHub, Visual Studio Code, MATLAB, LabVIEW, Altium Designer

ACADEMIC PROJECTS

Store Management System

- Built a C application managing inventory, sales and orders behind a terminal interface
- Implemented data structures, file handling, pointers and dynamic memory allocation
- Organized the code as modules (.c / .h) and documented the architecture in a technical report

Electronic Circuit Design and Simulation

- Designed and simulated electronic circuits in Altium Designer
- Analyzed signal behaviour and sized components (resistors, capacitors, voltage regulators)
- Designed and validated a printed circuit board, with full schematics and simulation results

PROFESSIONAL EXPERIENCE

Engineering Intern

Flanders

June 2026 to August 2026

- Supported embedded systems debugging and troubleshooting, assisting engineers with root cause analysis and validation of corrective actions
- Conducted system testing and data collection on drives and motors using diagnostic and measurement tools to identify performance trends and anomalies
- Created technical documentation and test procedures to support standardization across engineering activities

Manager

Poulet Rouge, Trois-Rivières

October 2025 to January 2026

- Managed daily operations and supervised team members
- Organized workflows while ensuring compliance with quality standards
- Demonstrated leadership, autonomy, and effective time management
- Made operational decisions in a dynamic environment

Sales Associate

Canac, Trois-Rivières

July 2024 to September 2025

- Provided customer service and analyzed client needs
- Managed priorities in a fast-paced environment
- Developed strong communication and problem-solving skills

LANGUAGES

- English: fluent
- French: fluent