

SÉBASTIEN CABANA

COMPUTER ENGINEERING STUDENT



(514) 883-8805 |



sebastien.cabana@uqtr.ca |



Trois-Rivières



- **Takes initiative with confidence:** Proactive et indépendant, I anticipate needs and transform challenges into opportunities through quick and effective action.
- **Positive leader:** I inspire and motivate teams by fostering collaboration and guiding everyone towards achieving common goals.
- **Creative and innovative:** I propose innovative and original solutions thanks to my ability to think differently and explore new approaches.
- **That's why I am the right person for you!**



EDUCATION

Bachelor's Degree | In Progress

Computer Engineering

Université du Québec à Trois-Rivières

College Diploma (DEC) | 2023

Computer Science and Mathematics

Cégep de Saint-Jérôme

PROFESSIONAL EXPERIENCE

Research Assistant | 2025 - Present

Université du Québec à Trois-Rivières, Trois-Rivières

- Writing technical guides and producing educational video tutorials for the use of devices and software in electrical engineering.
- Design of a complex analog printed circuit board as a demonstrator for students.
- Project management with task tracking and autonomous prioritization in a research and development environment.

INVOLVEMENT AND VOLUNTEERING

President | 2025-2026

IEEE St-Maurice Section Student Branch

Co-Vice-President | 2025-2026

Machine Competition of the Engineering Games

Head of Delegation | 2024-2026

CS Games

Director of Technology | 2025-2026

Organizing Committee for the Congress on Sustainable Development in Engineering

Treasurer | 2024-2025

IEEE St-Maurice Section Student Branch

SKILLS

- **Languages**
C/C++, C#, CUDA, LADDER, Shell, VBA, VHDL
- **Tools and Software**
Altium Designer, Git, MATLAB, RSLogix 500, SolidWorks, STM32Cube IDE, Vivado

NOTABLE PROJECTS

Machine Competition of the Eng. Games Student Project | 2024 to 2026

Analog Audio Amplifier Circuit Electrical Engineering Internship | 2025

Boolean Equation Simplification Algorithm in C Personal Project | 2024

Implementation of an Adaptive Cruise Control on an Electric Scooter College Final Year Project | 2023

AWARDS AND HONORS

Highest GPA in the Program | 2023-2025 Université du Québec à Trois-Rivières

“Stars du Réseau de la santé” Award | 2024 Développement d'un outil informatique innovant

Highest GPA in the Program | 2019-2023 Cégep de Saint-Jérôme

Governor General's Academic Medal | 2019