DIEGO CAMPOS

Computer Engineering Student

PERSONAL INFORMATION

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SUMMARY

- Third-year student enrolled in the computer engineering program at Polytechnique Montreal
- Familiar with multiple development environments
- Particular interest in embedded systems and cybersecurity
- Communication and technical team work competences

PROGRAMMING LANGUAGES AND TOOLS

- C/C++
- Rust
- Python
- Java
- HTML, CSS and JavaScript
- Angular
- NodeJS
- Flutter/Dart
- Familiar with Linux
- Familiar with Git
- Suite Office: Excel, Word

EDUCATION

Polytechnique de Montréal
Bachelor in Computer Engineering
2021 - 2026

Institut National des Sciences Appliquées de Lyon
Student Exchange
2024

Champlain College Saint-Lambert
Diploma of College Studies in Pure and Applied Science
2019-2021

PROJECTS

Embedded System Project   **Autumn 2022**

-Programming an ATMega324PA microcontroller board
-Building a complete embedded system with its inputs/outputs and peripherals

Web Application Project   **Autumn 2023**

-Write a complete web application using Angular and NodeJS
-Implement code review, testing and continuous integration techniques
-Conceptualize and build a multiplayer quiz game

Rover Project   **Autumn 2024**

-Collaborate and apply project management skills
-Develop a comprehensive software system for a rover

EXTRACURRICULAR ACTIVITIES

CubeSat Engineering
PolyOrbite, 2022 - 2024
-Design a data handling system aboard a nanosatellite (Rust)
-Program a user interface to send commands to the satellite (Flutter)

Energy Boat Engineering
Exocet, 2024 - Present
-Implement a CAN system intended for a catamaran (Monaco Energy Boat Challenge)
-Introduction to PCB design

SPOKEN LANGUAGES

Trilingual (French, English and Spanish)