



# CAIO BELLE

ELECTRICAL & ROBOTICS ENGINEER  
ÉCOLE CENTRALE DE LYON - UFRGS

## LET ME INTRODUCE MYSELF :

My international background and triple degree have allowed me to build solid expertise in electrical, mechanical, and computer engineering, which finds its fullest expression in my passion: control.

Driven by precision, innovation, and a constant curiosity for the new, I believe that the most original ideas often emerge from exchanges between people of diverse cultural and professional backgrounds, even opening new ways to revisit established concepts.

With an analytical mindset and a strong capacity to adapt, I design and integrate reliable, sustainable solutions both in teams and independently. My natural role as a bridge between disciplines, cultures, and new ideas enables me to structure complex projects and lead them to successful completion with efficiency.

## SOCIAL SKILLS

1. Communicate
2. Observe
3. Autonomy
4. Work in a team
5. Present
6. Reinvent
7. Diplomacy

## TECHS

Matlab / Simulink  
Simscape  
VBA / Pack Office  
Python  
MBSE / Capella  
LTSpice  
FPGA / Arduino  
C

## QUALITIES

Enthusiastic  
Curious  
Analytical  
Integrity  
Responsible  
Self-taught  
Leadership

## LET'S TALK ?

- ☎ [06 52 65 02 54](tel:0652650254)
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- 🏠 [6, Rue du Clos Verger, Vénissieux](#)



## FORMATION

### École Centrale de Lyon

Masters Electronic - Controls - Co-credited Lyon 1 2023-2024  
Automatique des Systèmes Intelligents

Development of a specialized research-oriented path in the controls and mathematics, complementary to my generalist education.

### Generalist Engineering 2022-2024

Development of a generalist common core, with a specialist pathway in Guidance and Control in aeronautics, focused on control, electronics, and mechanics.

### Universidade Federal do Rio Grande do Sul

Electrical Engineering 2019-2025

Development of knowledge and skills in the fields of analog, digital, and power electronics, as well as control systems.

Awards: Academic laureate.

Top of the class (final average of 9.6/10).

## PROFESSIONAL EXPERIENCES

### Master Thesis Internship in Robust Control ESRF - April 2024 - September 2024

Application of Robust Control methods such as H-infinity/H2 for nano-positioning of complex mechatronic systems: a hexapod and a tripod.

### Control Systems Internship at FRAMATOME - May 2023 - August 2023

Modelling and Assisting in the Design of a Protection System for a Group of Nuclear Power Plants Using the Arcadia/MBSE Methodology in the Capella Software.

### Industrial Application Project - Famoco - August 2022 - May 2023

Member of a team of 6 engineering students working on developing a full-stack network environment and a mobile application for a solidarity-based bank card.

### Undergraduate Student Control Researcher

Nonlinear Systems Control with Aperiodic Sampling 2021-2022

## SOCIAL IMPACTS

### Scout 2014 - Present

Leadership development, teamwork.

### International Welcoming Office 2023 - 2024

I participated as one of the coordinators of my university's international office, responsible for welcoming and assisting more than 120 international students during their stay.

### PreparaEng 2020-2022

I participated in the idealization and development team of an innovative social project during the global pandemic of COVID19. Its main objective was to democratize and improve engineering education.

## LANGUES

- Portuguese | Mother language
- English | C2
- French | C1+
- Italian | A2 (currently learning)