KEVIN BURNOT

PERSONAL PROFILE

Currently in third year of engineering school at CPE Lyon with a specialisation in service robotics.

As part of my degree, I am looking for a 6-month internship abroad starting in September 2025

CONTACT

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FRANCE

SKILLS

Languages:
- French : Native
- English (C1 Cambridge) & Studied 2 months in New Zealand at Rutherford College
- Italian (B1)

Technical skills:
- Operation Systems : Familiar with Windows and Linux, capable of working without graphic interface
- Web : Basics of front-end and back-end (HTML, CSS, JS, PHP)
- Coding : Python, C, Java, Matlab
- Electronics : Basics of numeric (VHDL) and analogic electronics,
- ROS2 Humble : Ability to work on ROS projects
- Docker : Experienced with Docker-based environments
- Low level programming : 8051 microcontroller and STM32 (Assembly, C)

QUALITIES

- Adaptable
- Hard-working
- Passionate and curious
- Polite and punctual

INTERESTS

- New technologies
- Self-made projects
- Blockchain

EDUCATION

CPE, Lyon (France)
September 2022 - Present
CPE Lyon Engineering school in digital science
Laureate in the top 10 of my bachelor's degree and currently specialising in robotics.

Lycée Masséna, Nice (France)
September 2020 - June 2022
Preparatory class for national competitive entrance exams to French engineering schools

Lycée ALBERT 1er, Monaco (Monaco)
September 2017 - June 2020
French baccalaureate with European option, specialisation in Sciences and Mathematics, passed with distinction

PROFESSIONAL EXPERIENCES/PROJECTS

Internship Validation & Verification Engineer
Alstom - Lyon | February - August 2025

-Refactored a python test library into modular, object-oriented code and improved several core functions.
-Implemented a multi-server architecture on a BeagleBone using Docker containers.
-Created python test automation scripts for capturing and injecting network frames.

IT Internship
Groupe Telis - Monaco | July 2023

-Technical Assistant for the transition to IP telephony
-Discovery of a development team and first program in Kotlin (Android)

ASSOCIATIONS

- **Galiléo | 2022 - 2025**
Treasurer (2023-2024) of CPE Robotics Association and President (2024-2025).
Participated twice (2023/2024) to the French robotics cup organised by planete-sciences.

- **Synergie | 2022 - 2023**
Active member of the junior entreprise

- **Monaco Boyscouts | 2017 - 2020**
Involvement in various voluntary marauding and selling missions
Participated in the 24th World Scout Jumboree in West Virginia (USA)