



# Firmin Launay

Born on **Aug. 18, 2004**

**Cluses, France**

Holder of a **driver's license**

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## Interests

- Computer science, coding, IoT
- Sports: cycling, running, mountain

## Academic Background

### 2021 – 2026. **Polytech Dijon**

Engineering Degree

Electronics & Digital Systems

Specialization in IoT

5<sup>th</sup> year, in apprenticeship

### 2024. **TOEIC (English test)**

Test of English for International Communication

980 / 990 : C1-level proficiency

### 2021. **French Baccalauréat général**

High-School Diploma

Mathematics, Physics & Chemistry

European Class (English language)

With honors

### 2018. **First aid diploma**

## Work Experience

### Sep. 2023 – **Embedded Software Engineer Apprentice**

**SOMFY Group**

**Cluses, France**

Apprenticeship contract until August 2026.

SOMFY is a French group specialized in the automation of openings and closures.

- Software architecture and development for exterior applications actuators (motors).
- Integration of modernized RF communication stacks.
- Involvement in several projects, some large-scale, others more independent.

**Embedded Software** **Microcontrollers** **C** **CMake**  
**RF Communication** **Git** **SVN** **CI/CD** **Python**

**Teleco Automation**

Mai 2025 – Aoû. 2025

**Colle Umberto, Italie**

Within SOMFY, I spent three months abroad at Teleco, a company bought out by the Group in 2022. Teleco focuses on the automation and connectivity of outdoor applications (pergolas, roll-up doors, sun shades, ...).

- The Group's software factory: deployment and support.
- Training of the 5 local software engineers on the tools.

**Software Engineering** **CI/CD** **Git** **CMake**  
**Jenkins** **Technical Training Delivery**

### Dec. 2017. **Intern**

**IGN (National Institute of Geographic and Forest Information)**

**Saint-Mandé, France**

Week-long discovery internship, during the last year of middle school, within IGN. This French public administration delivers and maintains the geographic data of the country.

- Discovery of a multifaceted organization with various trades.

## Personal Projects (coding)

Python wrapper for Dijon's public transport API.

[pypi.org/project/divia-api](https://pypi.org/project/divia-api)

**Python** **API**

## Languages

French ●●●● (native)

English ●●●○ (C1, fluent)

Spanish ●●○○ (B1)

Italian ●●○○ (A2)

German ●○○○ (basic knowl.)

## Others

**Web (HTML, CSS, JS)**

**C++** **Bash** **Docker**

**Databases** **Networking**

**Cybersecurity** **LaTeX**

**Microsoft 365**