Firmin Launay

⚲ Born on **Aug 18, 2004**

📍 **Cluses**, France

🚗 Holder of a **driver's license**

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in linkedin.com/in/filau
○ github.com/filau

◎ Interests

○ Computing and coding
○ Cycling
○ Car enthusiast

🎓 Academic Background

2021 – ⏱. Student at Polytech Dijon

Engineering school in Dijon, France

3rd year, on block release

Electronics & Digital Systems

Specialization in IoT

2024. TOEIC

Test of English for International Communication

980 / 990 : C1 level proficiency

2021. Baccalauréat général

High-School Diploma

Mathematics, Physics & Chemistery

With honors

Lycée L. Armand (Nogent-s/-M., France)

2021. Cambridge English Certificate

B2 level proficiency

2018. First aid diploma

💼 Work Experience

Sep 2023 – ⏱. Embedded software engineer apprentice

SOMFY Group
📍 **Cluses, France**

Apprenticeship contract until August 2026.

Dec 2017. Trainee

IGN (Institut national de l'information géographique et forestière)
📍 **Saint-Mandé, France**

This week-long traineeship, during the fourth year of high school, allowed me to discover the business world and to refine my course guidance by discovering various trades within IGN, in various fields.

This public administration aims at delivering and maintaining the geographic data of France.

✏ Personal Projects (coding)

Stickopy — This tiny piece of software automatically and quietly copies the contents of a storage device as soon as it is plugged in, making it easy to set up a basic, transparent backup process.
○ github.com/filau/Stickopy

Wrapper Python pour l'API *Divia* — This Python library makes it possible to retrieve *Divia* (Dijon's public transport system) bus and streetcar timetables, directly from a Python script, as well as *DiviaVélodi* free-floating bicycles availability.
⬇ pypi.org/project/divia-api

Autre — I have also programmed on *Raspberry Pi* (especially in Python) and on *Arduino* (in C++, or even with MATLAB), with various components (LED, ultrasonic sensor, LCD screen) connected to GPIO ports.

</> Technologies

Technology	Level
Python	●●●●
C++	●●○○
C	●●○○
HTML, CSS, JS	●●●○
SQL	●●○○
MongoDB	●●○○
Git	●●●○
Subversion	●○○○
Unix shell	●●●○
Windows CMD	●●○○

🗺 Languages

Language	Level	
French	●●●●	(native)
English	●●●○	(C1)
Spanish	●●○○	(B1)
German	●○○○	(beginner)

⌨ Software

Software	Level
Microsoft 365 suite	●●●●
LaTeX	●●●○
JetBrains IDEs	●●●○