



# Clément GRENNERAT

Computer Science Student at INSA Lyon  
*Bridging Code, Infrastructure, and Leadership*  
2024 - 2027

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Auvergne-Rhône-Alpes, France  
21 years old

## Profile

Self-taught developer & CS Student with **6+ years of experience** in software, and system administration. Passionate about **DevOps**, **infrastructure**, and **open-source** – I create and **maintain projects used by thousands**. As **Head of IT for my student union**, I **lead teams**, deploy **critical solutions**, and adapt quickly to new challenges. Seeking a **2026 internship** where I can leverage my technical depth and cross-functional skills to build **robust systems** or **lead engineering projects**.

Duration: 3 to 4 months

From May to August 2026

## Education

- 2027  
2024 **INSA Lyon - Computer Science**  
Software engineering, UML, AGILE, SGBD, Networks, System programming, Compilers, Distributed Infrastructures, Probabilities & Statistics, Algorithms.
- 2024  
2022 **INSA Lyon - Initial Engineering Training Program**  
Achievement: Ranked in the top 10% of the class
- 2022  
2021 **Marie Curie High School (Isère, France)**  
High School Diploma with highest honors, awarded commendations by the jury
- 2021  
2020 **French High School of Calgary (Alberta, Canada)**  
One year of experience in an English-speaking country

## Professional Experience

- 2025  
2 mos. **Intern in HPC scheduling**  
Developed the core of a cluster scheduler in Rust. My Rust implementation reduced scheduling time by a factor of 20.
- 2022  
1 mos. **Internship - Les Deux Ponts Printing Company**  
Gained insight into printing trades and techniques; studied the impact of digital technologies on a company's internal organization.

## Personal Experience

### Student Union INSA Lyon

2024 → Present

I am the IT Team Lead at the student Union, managing a team of about a dozen people. Overseeing BareMetal, Kubernetes, and Docker infrastructure. Handling CI and scaling of associative services. Experience in project management, DevOps, and system administration.

### Computer Science

2016 → Present

I am a self-taught software developer, having learned programming during my middle school years. I host several personal services on a homelab.

#### → PDF4Teachers (2019-2024)

PDF editing software for teachers, focused on productivity. It retains previous annotations and offers a wide range of features for correcting and annotating scanned tests supporting numerical & skill-based grading.

#### → ThreeFingerDragOnWindows (2022-2024)

Enables macOS-style three-finger dragging functionality on Windows Precision touchpads.

### DIY and Creativity

2014 → Present

I am passionate about DIY and have been since childhood. I enjoy expressing my creativity through crafting various objects and solving everyday problems.

#### → Wooden Onewheel (2024)

An all-terrain vehicle with a single wheel. Involved in woodwork (jointer, router), arc welding, spot welding (for soldering the battery), wiring, and CAD.

#### → Mechanical Keyboard (2023)

A keyboard featuring two screens, a fingerprint sensor, a volume knob, and a USB hub. Involved in CAD work, steel cutting and bending, 3D printing, PCB design, electronics, and C development.

## Links

LinkedIn GitHub

## Languages

→ French (native speaker)

→ English (C1 - IELTS 7.0)

→ Spanish (A2)

## Qualities

Independent Persistent  
Detail-oriented Organized

## Interests

</> Development & Infra  
🔧 DIY  
🏔️ Travel and mountain  
🎿 Skiing, Mountain Biking, Running

## Languages Proficient In

Rust Java  
 JavaScript Python

## My Tools

JetBrains IDE  
 Typst Figma  
 Docker GitLab

## Frameworks Proficient In

VueJS NuxtJS  
 Rocket.rs

## Currently Learning

NixOS Kubernetes  
 ArgoCD ReactJS  
 Django C++