

Clément Grennerat

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

clement.grennerat@insa-lyon.fr 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

2021

Marie Curie High School (Isère, France)

High School Diploma with highest honors, awarded commendations by the jury

French High School of Calgary (Alberta, Canada) 2020 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

in 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







My Tools

📤 Jetbrains IDE

t Typst



Docker



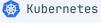
Frameworks Proficient In



Rocket.rs

Currently Learning

NixOS







dj Django

