Clément GRENNERAT

Master of Engineering student in Computer Science Student
1st year of master's degree

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, automation and system administration.

Seeking an **internship in cloud or infrastructure** where I can leverage my technical depth and cross-functional skills to build **robust systems**.

⏳ Duration: 4 months   📅 From April to July 2026

Education

2027 – 2024
Master of Engineering in Computer Science
INSA Lyon, France
Software engineering, Scrum, Project management, DBMS, System programming, Compilers, Distributed Infrastructures, Probabilities & Statistics, Algorithms

Work Experience

2025 – 2 mos.
Intern in HPC scheduling
French Institute for Research in Computer Science and Automation
- Developed the core of a cluster scheduler in Rust.
- Reduced the scheduling time by a factor of 10 to 100.

2026 – 2024
IT Team Lead
INSA Lyon Student Union
- **Lead a team** of 15 people.
- Cut cloud costs by **66%**.
- **BareMetal**, **Kubernetes** and **Docker** infrastructure management
- **CI** and **scaling** of associative services

2026 – 2025
Autonomous Driving Team Lead
Proto INSA Club (INSA Lyon Student Association)
Building an autonomous driving model to participate in the Shell Eco-marathon.

2025 – 3 mos.
Junior Enterprise Intern
ETIC INSA Technologies
Web development, Data science, Commercial proposal.

Personal Experience

Computer Science
2016 → Present

Development of **open-source solutions** and management of a **homelab**.
Over **1000** ⭐ on Github

> → **PDF4Teachers (2019-2025)**
> High-productivity PDF editing software.
> **1000 monthly** users

> → **ThreeFingerDragOnWindows (2022-2025)**
> A utility enhancing **Windows touchpads** with macOS-like three-finger drag.
> **4000 monthly** users.
> **4,8** ⭐ on the Microsoft Store.

Maker projects
2014 → Present

Passionate about DIY, I enjoy expressing my creativity through crafting various objects and solving everyday problems.

> → **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.

> → **Wooden Onewheel (2024)**
> All-terrain skateboard-like vehicle. Involved in woodwork, arc/spot welding, wiring, CAD.

Networks

- in/clement-gre
- clementgrennerat.com
- @ClementGre

Languages

→ French (native speaker)

→ English (C1 – IELTS 7.0)

Qualities

Leadership   Autonomous   Persevering   Organized

My Tools

- Jetbrains IDE
- Figma
- Typst
- Docker
- GitLab

Languages Proficient In

- Rust
- Java
- JavaScript
- Python

Currently Learning

NixOS   Kubernetes   ArgoCD   ReactJS   Django   C++

My Sports

🎿 Skiing   🏃 Running   🧗 Climbing   🚵 Mountain Biking