

Quentin Hauuy

Software Engineer Intern

quentinhauuy@gmail.com

06 15 50 57 02

github.com/raton-codeur

linkedin.com/in/quentinhauuy

I'm a **software engineering student** at **42 Mulhouse** with solid foundations in **Unix environments** and **C/C++ programming**. I'm currently looking for a **3–6 month internship** in **web development**. As a 42 student, I'm used to adapting quickly and **collaborating in teams** to deliver projects. I'm rigorous, eager to learn, and **available immediately**. I'm also open to remote work.

Skills

- **Programming Languages:** C/C++, Zsh, Python, Java, OCaml, JavaScript/TypeScript
- **Web:** HTML/CSS/JavaScript, React, NestJS, Tailwind
- **Tools:** Git, Docker, Linux, macOS, VS Code
- Effective use of **AI** for debugging, research, and ideation (with critical judgment)

Selected 42 Projects

- **ft_transcendence** (team of 5) — full-stack web app built with React, Next.js, NestJS, MariaDB, Docker, Traefik and WebSockets
- **minishell / pipex / philosophers** — low-level systems programming: memory management, POSIX processes, pipes, redirections, signals, multithreading
- **push_swap / PmergeMe** — algorithmic problem-solving, complexity analysis, optimization
- **fract-ol / cub3d** — computer graphics, raycasting
- **C++ modules** — OOP practice in C++98: canonical form, inheritance, polymorphism, templates, STL

Education

2023 – Present

42 School

Mulhouse

2020 – 2023

Bachelor's degree in Computer Science (incomplete)

Université Côte d'Azur

2017

Scientific Baccalaureate (Mathematics)

Lycée Bellevue (Martinique)

Soft Skills

- Perseverance
- Autonomy
- Clear communication

Languages

- French: native
- English: advanced (B2/C1)
- Italian / Portuguese: basic

Interests

- Figure skating
- Piano, guitar
- Memory techniques