Quentin Hauuy

Software Engineer Intern

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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++, Python, JavaScript/TypeScript, Java, OCaml, Zsh
- **Web**: HTML/CSS, React, NestJS, Tailwind
- **Tools**: Terminal, 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