BERTAGNA HUGO

FRENCH STUDENT SEEKING FOR A COMPUTER ENGINEERING INTERNSHIP ABROAD

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OBJECTIVE

Motivated first-year engineering student specializing in cybersecurity, systems, and networks, seeking a 9-week internship abroad from June to August 2026. Eager to apply technical skills in a dynamic IT environment and contribute to secure infrastructure development.

TECHNICAL SKILLS

- Programming: Python, C, Bash, HTML/CSS
- Systems & Networks: Linux, Windows Server, TCP/IP, DNS, DHCP, VirtualBox
- Cybersecurity: Firewall configuration, vulnerability scanning, SIEM basics
- Tools: Wireshark, Git, Docker, Cisco Packet Tracer
- Languages: French (Native), English (C1 – Advanced)

PROFESSIONAL EXPERIENCE

IT Intern – Hospices Civils de Lyon, France

May – July 2023

- Completed a 2-month internship during the first year of my BTS CIEL program
- Assisted in the deployment and maintenance of hospital network infrastructure
- Configured switches and routers, monitored network traffic, and supported troubleshooting operations
- Participated in securing internal systems and ensuring compliance with healthcare IT standards
- Gained hands-on experience in real-world environments, reinforcing my interest in cybersecurity and network administration

Crew Member – McDonald's

July – August 2025 & October – December 202

- Delivered fast, efficient service in a high-pressure environment while maintaining quality and customer satisfaction
- Worked part-time alongside engineering studies to support personal expenses and gain professional experience
- Developed strong teamwork, time management, and multitasking skills by balancing academic commitments with work shifts
- Learned to adapt quickly, communicate clearly, and stay organized under demanding conditions
- Gained valuable insight into operational workflows, customer service, and workplace discipline

EDUCATION

CPE Lyon – Graduate Engineering School

Villeurbanne, France
2025 - Present
Master's Degree in Computer Science & Cybersecurity (ICS Track)
Relevant Courses: Network Architecture, Operating Systems, Cyber Defense, Python & C Programming

ORT Lyon – BTS CIEL (Computer & Industrial Electronics)

Lyon 8, France
2023 - 2025
Focus: Embedded Systems, Digital Electronics, Software Development

PROJECTS & EXPERIENCE

Roverba – Automated VM Deployment Web Platform

- Developed a web-based interface that automatically provisions virtual machines on demand
- Integrated backend logic to configure VMs with SSH access and remote desktop capabilities
- Implemented secure user authentication and session management for VM access
- Designed intuitive UI for selecting OS templates, resource allocation, and connection method
- Ensured scalability and isolation of instances using containerization and cloud APIs

Personal Portfolio Website – My Work, My Way

- Created a simple and clean website to showcase my academic and personal projects in IT and cybersecurity.
- Used basic HTML, CSS, and a bit of JavaScript to build a responsive layout that works on phones and computers.
- Included sections for my resume, project descriptions, and contact form.
- Designed the site to reflect my personality and technical interests