

Vincent Bureau

Computer science student · Available for a summer 2027 internship

📍 Sherbrooke, QC, Canada ✉ info@vincentbureau.dev 🌐 vincentbureau.dev 🐙 GitHub 🔗 LinkedIn

SKILLS

- Programming** TypeScript, JavaScript, C#, SQL, Python, Bash, Ruby, C++
- Web and data** React, Next.js, NestJS, .NET Core, Tailwind CSS, PostgreSQL, SQLite
- Cloud and DevOps** Azure, Terraform, Docker, GitHub Actions, Proxmox VE, Linux
- Security and networking** Traefik, CrowdSec, Authelia, Cloudflare Zero Trust, Burp Suite
- Languages** French (native), English (professional)

EXPERIENCE

- Azimut Lab** Quebec City, QC (remote)
Application Security & Full-Stack Developer Intern September 2026 – December 2026
- Run manual penetration tests with Burp Suite and verify automated scan findings (CodeRabbit)
 - Triage confirmed flaws by severity and patch them across the React/Next.js, NestJS, .NET Core and SQL codebase
 - Full-stack development on the same stack (PostgreSQL, Azure, Terraform, GitHub Actions)
- Full-Stack Developer Intern August 2025 – May 2026
- Built the React/Next.js frontend and NestJS and .NET Core APIs on PostgreSQL (TypeORM, Entity Framework)
 - Defined the Azure infrastructure in Terraform and automated CI/CD with GitHub Actions and Docker
 - Wrote unit and integration tests (.NET, Jest), reviewed code and managed releases (SemVer)
- Escaparium de l'Énergie** Shawinigan, QC
Full-Stack and Embedded Developer October 2023 – July 2025
- Built the Ruby/Sinatra applications and HTML/Bootstrap interfaces used by staff, on SQLite
 - Wrote C++ firmware for the ESP32 game modules (ESP-NOW) on an IoT network isolated from staff

EDUCATION

- Université de Sherbrooke** Bachelor's degree
Computer science, cybersecurity stream Sherbrooke, QC • August 2025 – August 2028 (expected)
- Cégep de Shawinigan** Diploma of College Studies (DEC)
Computer Science Technology Shawinigan, QC • August 2021 – July 2025
- Cégep de Shawinigan** Attestation of College Studies (AEC)
Blockchain for Programmers Shawinigan, QC • May 2024 – April 2025

PROJECTS

- JDIS Games 2026 – infrastructure** July 2026
Designed, load-tested and deployed the competition infrastructure behind Cloudflare Zero Trust (cloudflared tunnels, ingress rules), used live by around a hundred students.
- Homelab – infrastructure and security** Since 2023
Self-hosted production stack on Debian: Traefik (wildcard TLS), Authelia SSO with TOTP, CrowdSec WAF and Varnish cache on isolated Docker networks. Grafana/Netdata monitoring, encrypted off-site backups; Proxmox VE and Ceph test bench.

COMMUNITY INVOLVEMENT

- JDIS – Université de Sherbrooke** Since May 2026
- VP Technology** — builds and maintains the group's digital tools and supports event projects with the executive committee.