Lucian Lavric

CANADIAN CITIZEN (J-1, TN, H-1B VISA ELIGIBLE)
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Education

Honours in Computer Science — London, ON
Western University (Co-op) — *Expected April 2029*

- Dean's Honour List (2024–26); **First Place – S:Hacks (Scotiabank, 2025)**; **Best Use of Cloudflare & Best Use of Linq – Hack the North 2026**; Foresters Financial Scholarship

Technical Skills

Languages: Java, Python, C, TypeScript, JavaScript, Swift, SQL, Bash
Frameworks & Tools: Spring Boot, FastAPI, React, Next.js, tRPC, REST APIs, LangChain, Drizzle ORM, Vitest, PostgreSQL (pgvector), MariaDB, Supabase, Azure, Cloudflare Workers, Docker, Git, CI/CD (GitHub Actions), Linux

Experience

Meta — June 2027 – August 2027
Production Engineer Intern (Incoming) — *Bellevue, WA*

Scotiabank — May 2026 – December 2026
Software Engineer Intern | Java, Spring Boot, Python, FastAPI, React, Azure — *Toronto, ON*

- Shipped version history and AI-generated release notes end to end (Python, React) for an internal documentation platform **in production** for **300+ users** and **40+ repositories** under a funded **bank-wide rollout**
- On a payments team, architected the **provider integrations** and built the **wallet-minting flow**, UI, and tests for a proof of concept moving **stablecoins** between bank wallets, and led its deployments
- On a separate team, retired a SOAP monolith on a **$360B+ AUM** platform with a Spring Boot aggregator over **7 concurrent APIs**, and traced a week-long outage via **ArgoCD** logs to a **TLS handshake reset at the ingress**

Hack Western — January 2025 – Present
Web Lead | Next.js, tRPC, TypeScript, PostgreSQL, Drizzle ORM, GitHub Actions, Vitest — *London, ON*

- Led **7 developers** shipping the apply, review, and check-in platform for **100,000+** visitors, **5,700+** applications
- Grew the reachable applicant pool to **4,700+** (**2.5×** the prior event) and brought in **28%** of this year's submissions, by owning outreach end to end, from merging dormant alumni lists to automated deadline reminders
- Cut event check-in from manual lookups to a **single scan** by issuing hackers QR wallet passes

Dejero — March 2025 – April 2025
Software Engineer (Contract, Federal Election Broadcasts) | Python, Selenium, Twilio — *Across Canada*

- Replaced manual dashboard checks across **35+** live election broadcasts reaching **30M+** viewers, by building a Python/Selenium bandwidth watcher with Twilio SMS alerts and operating the transmission hardware on site

Technical Projects

Whim (Hack the North 2026) | *Cloudflare Workers, Durable Objects, Swift* — github.com/chang-07/htn-26

- Built the iMessage extension and game runtime for an agent that invents games mid-chat: prompts route to procedural engines or LLM-generated web games in a null-origin CSP sandbox, card art cached at the edge

Hack Western CTF | *Next.js, TypeScript, Supabase, Cloudflare Durable Objects* — October 2026

- Built a 17-stage puzzle hunt and alternate admission path (**186** players), with server-side answer checks and real-time co-op on Durable Objects

3D Western | *React, Next.js, TypeScript, FastAPI, Python, MariaDB* — 3dwestern.ca

- Served **2,000+** users and supported **$116K+** in equipment and fundraising across a **40,000+**-student campus, by building a token-authenticated, rate-limited FastAPI/MariaDB backend and the Next.js member dashboard

Awards & Interests

FIBA U18 European Championship Bronze Medalist (Moldova); Sports Analytics Poster at CMSAC (Carnegie Mellon)
Snapchat Open Source Contributor – one of **5** contributors to Valdi Widgets, Snap's UI library (#23, #25)