

LUCIAN LAVRIC

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

+1 519-500-6509 | llavric@uwo.ca | [linkedin.com/in/lucianlavric](https://www.linkedin.com/in/lucianlavric) | github.com/lucianlavric

EDUCATION

Honours in Computer Science

Western University (Co-op)

London, ON

Expected April 2028

- 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

Scotiabank – Global Banking & Markets Engineering

Software Engineer Intern | Java, Spring Boot, Python, FastAPI, React, Azure

May 2026 – August 2026

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**
- Cut **~40 redundant** 20-minute wiki regenerations a week that page visits kept re-triggering, by moving generation to a **dedicated, checkpointed worker** behind a **commit-SHA idempotency** gate: one run per commit
- 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

Web Lead | Next.js, tRPC, TypeScript, PostgreSQL, Drizzle ORM, GitHub Actions, Vitest

January 2025 – Present

London, ON

- Own the platform behind **3,600+** applications and **5,200+** reviews across two events, leading **7 developers** across the apply, review, email, and check-in systems
- Grew the addressable applicant pool to **4,700+** (**2.5×** the prior event) by consolidating two dormant alumni lists and migrating across **3** email providers onto authenticated sending with token unsubscribes and bounce suppression
- Collapsed check-in from manual lookups across mismatched application/RSVP emails to a **single scan**, by shipping JWT-signed Google Wallet passes, QR generation, and a scan endpoint end to end

Dejero

Software Engineer (Contract, Federal Election Broadcasts) | Python, Selenium, Twilio

March 2025 – April 2025

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) | TypeScript, 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

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

ACTIVITIES & LEADERSHIP

Childcan (Tech For Social Impact)

Project Lead | React, Next.js

September 2025 – May 2026

London, ON

- Cut the charity's annual running costs **~66%** so more of its **\$1M+** in donations reaches families, by leading **5 developers** to rebuild childcan.com off Squarespace in React/Next.js

AWARDS & INTERESTS

FIBA U18 European Championship Bronze Medalist (Moldova); [Sports Analytics Poster at CMSAC \(Carnegie Mellon\)](#)