

Lucian Lavric

+1 519-500-6509 | llavric@uwo.ca | linkedin.com/in/lucianlavric | github.com/lucianlavric

EDUCATION

Western University

London, ON, Canada

Bachelor of Science, Honors Specialization in Computer Science

Expected April 2028

- Awards: **First Place – S:hacks (Scotiabank Hackathon, 2025)**, Foresters Financial Scholarship (2024-2026), FIBA U18 European Basketball Championship (Bronze Medalist)
- Relevant Coursework: Data Structures & Algorithms, Systems Programming, Computer Science Fundamentals I & II, Linear Algebra I, Discrete Mathematics, Computer Organization and Architecture (ARM Assembly)

EXPERIENCE

Dejero

March 2025 - April 2025

Production Engineer Intern (Election Broadcasts) | Twilio, GitHub Actions

Canada

- Engineered **35+** live streams during federal election coverage to audiences of **2,000–15,000+** with 99.9% uptime across **500K+** total viewers
- Debugged **100+** critical network failures via Dejero Control, sustaining **<1.6s** latency in live broadcasts
- Optimized adaptive bitrate (**1–5 Mbps**) by refining cellular blending algorithms under dynamic venue and crowd conditions
- Coordinated AV & uplink setups across **40+** venues, delivering fast, reliable deployment under tight deadlines

Hack Western

January 2025 - Present

Software Developer | Next.js, tRPC, TypeScript, PostgreSQL, Drizzle ORM, Vitest

London, ON

- Built secure backend authentication and unit-tested flows for **600+** **preregistered users** and **2,000+** **applicants**.
- Developed complex user sessions and email delivery, improving backend stability for **500 hackers annually**.
- Created dynamic frontend components for application portal and promo site, supporting **2000+** **applicants**.

Childcan

September 2025 - Present

Project Lead & Software Developer | React, Next.js

London, ON

- Leading a team of 4 developers to migrate Childcan's platform from Wix/Squarespace to React/Next.js
- Designing the architecture for frontend, backend, and database integrations to support **\$1M+** **annual donations**

Tech For Social Impact

January 2025 - August 2025

Software Developer | React, Vite, Supabase, GitHub Actions, JavaScript

London, ON

- Built a full-stack React/Vite app with a Supabase backend to aggregate palliative care grant data for nonprofits.
- Automated Supabase DB refreshes and CI/CD pipelines using GitHub Actions, reducing manual work.

TECHNICAL PROJECTS

3D Western | React, Next.js, Typescript

- Building a Next.js + TypeScript + Tailwind dashboard for members to log in, upload, and track 3D prints, supporting **\$100K+** in additive manufacturing equipment and **\$50K+** in fundraising initiatives.
- Integrating **\$16.8K** in new printers into Western University's student services and improving accessibility for **40,000+** student/faculty across campus.

GASLYTICS | TwelveLabs SDK, React, Supabase, Tailwind CSS, Framer Motion, Railway, Vercel

- Developed a full-stack video analysis platform detecting 6 manipulation tactics (e.g., gaslighting, emotional blackmail) using multimodal AI via TwelveLabs Marengo 2.7 with structured, confidence-scored outputs.
- Integrated Supabase services for user auth, video storage, and persistent chat history, using the Context API for seamless state management across sessions.

CANADA TECH INTERNSHIPS LIST | GitHub

- Created and maintain a repository of **700+** **Canadian tech internships**, attracting **15K+** **visitors** and **115+** **stars** on GitHub.

TECHNICAL SKILLS

Languages: Javascript, Typescript, Java, Python, C, SQL, HTML, CSS, JSON, Bash, YML

Libraries & Frameworks: React, Next.js, Framer Motion, Supabase, Selenium, Drizzle ORM, Vitest, tRPC

Tools & Technologies: Linux, Neovim, IntelliJ, Vscode, Node.js, PostgreSQL, Docker, Dejero