YANG LUO

Toronto, ON | Open to relocation
(778) 896-8891 | theyangluo@gmail.com
LinkedIn | GitHub | Portfolio

EDUCATION

Western University London, Ontario
Bachelor of Science, Computer Science *Expected May 2027*

PROFESSIONAL EXPERIENCE

Software Engineer Intern Hong Kong
Artemis Associates *May - Aug 2026*

- Built and deployed SignalDesk, a TypeScript/React media-monitoring app for five internal users. Automated news ingestion, deduplication, and AI classification; analysts estimated team savings of 1-2 hours per day.
- Implemented scheduled ingestion and historical searches with Supabase and PostgreSQL; bounded execution time and deferred retries allowed unfinished articles to resume in later runs.
- Enforced workspace isolation with server-side authorization and PostgreSQL row-level security; added audit logging and validation of AI-generated output.
- Added regression tests for duplicate handling, provider polling intervals, historical searches, and workspace review permissions.

Founder & Freelance Web Developer Toronto, Ontario
Prima Design Co *Nov 2024 - Present*

- Delivered five client websites in five months, generating CAD $6,000 in freelance web-development revenue.
- Managed client requirements and delivered responsive React and Next.js websites, including testing, deployment, and maintenance for real estate, retail, and personal-branding clients.

Software Developer | Team Training Program Toronto, Ontario
Wouessi Mobile & Software Development Program *Mar - Jun 2025*

- Connected a React employee-management frontend to existing APIs and implemented leave-request filtering by Pending, Accepted, and Rejected status.
- Contributed tender dashboards, detail views, and saved-tender workflows on a six-person Agile team using Git and code review.

SELECTED PROJECTS

RevLeak | Stripe Revenue Risk Detection Feb 2026 - Present
Next.js, TypeScript, Stripe SDK | GitHub

- Built a dashboard and detection engine for revenue risks from failed payments, past-due subscriptions, and expiring cards.
- Implemented Stripe webhook signature verification, event normalization, idempotency checks, and recovery-window calculations for payment and subscription events.

Provision | Personalized Nutrition App Aug 2026 - Present
Swift, SwiftUI

- Built a SwiftUI nutrition app that ranks meal choices by dietary restrictions and nutrient gaps, using deterministic scoring and stable tie-breaking for reproducible recommendations.
- Implemented nutrient calculations with source attribution and confidence tracking; added regression tests for missing versus zero intake and recomputation after meal edits.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, Python, Java, Swift, C, C++
Frontend and mobile: React, Next.js, SwiftUI, HTML, CSS, Tailwind CSS
Backend and data: Node.js, REST APIs, PostgreSQL, Supabase, MongoDB
Testing and delivery: Vitest, Playwright, Git, GitHub, Vercel
AI integration: OpenAI API, structured output validation