

Yang Luo

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SIGNALDESK DEVELOPER | PRIMA DESIGN CO FOUNDER

Computer science student turning manual business workflows into full-stack software. Built and deployed SignalDesk at Artemis and delivered client websites through Prima Design Co, from requirements through testing and deployment.

Seeking: New-grad SWE roles in full-stack, backend, or applied AI. Available May 2027; September preferred.

EDUCATION

Western University

Bachelor of Science, Computer Science

London, ON

Expected May 2027

EXPERIENCE

Artemis Associates

Software Engineer Intern

Hong Kong

May - Aug 2026

- Built and deployed [SignalDesk](#) using TypeScript, React, and PostgreSQL to automate media ingestion, deduplication, and AI classification for five internal users; analysts estimated saving 1-2 hours per day.

Prima Design Co

Founder

Toronto, ON

Nov 2024 - Present

- Delivered five client websites in five months through a freelance web-development business, generating CAD \$6,000 in revenue.
- Owned requirements gathering, responsive web development with React and Next.js, testing, deployment, and maintenance for real estate, retail, and personal-branding clients.

Wouessi Mobile & Software Development Program

Software Developer | Team Training Program

Toronto, ON

Mar - Jun 2025

- Developed React and TypeScript interfaces and MongoDB-backed features for employee management and tender discovery applications.

SELECTED PROJECTS

SignalDesk | AI Media Monitoring (Artemis Associates)

May - Aug 2026

- Translated analysts' manual search and reporting workflow into a modular TypeScript and React application, separating ingestion, deduplication, AI classification, and review stages.
- Implemented scheduled data ingestion and historical searches by date range using Supabase and PostgreSQL, allowing analysts to review recent coverage without repeating manual searches.
- Set processing time limits and deferred unfinished articles to subsequent runs; implemented server-side authorization and PostgreSQL row-level security for workspace isolation.
- Added regression tests for duplicate handling, provider polling intervals, historical date-range searches, and workspace review permissions.

Provision | Personalized Nutrition App

Functional demo

- Built a functional Swift and SwiftUI nutrition app demo that ranks meal choices around dietary preferences and nutrition goals.
- Implemented deterministic nutrient calculations and meal-priority ranking, with source attribution and confidence tracking to make recommendation inputs and uncertainty explicit.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, SQL, Swift, C, C++

Frontend & mobile: React, Next.js, React Native, SwiftUI, HTML, CSS, Tailwind CSS

Backend & databases: Node.js, REST APIs, PostgreSQL, Supabase, MongoDB

Testing & delivery: Automated testing, Vitest, Playwright, Git, GitHub, Vercel

AI integration: OpenAI API, structured output validation

Interests: Basketball, bouldering, videography and editing, strategy games (Chess and Catan)