Austin Luk

778-680-2954 | Vancouver, BC | lukaustin0@gmail.com | linkedin.com/in/austinluk | github.com/austinluk

EDUCATION

University Of British Columbia   *Graduating May 2027*

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures and Algorithms (CPSC 221), Software Construction (CPSC 210),
Database Systems (CPSC 304), Introduction to Data Science (DSCI 100), Introduction to Artificial Intelligence (CPSC 322)

Langara College   *Sept 2023 – April 2025*

Associate of Science Computer Science

Activities and societies: Vice–President of Langara Volleyball Club, Langara Computer Science Club (LCC)

EXPERIENCE

Code Ninjas   **March 2025 - Current**

Instructor   *Vancouver, BC*

• Developed logical skillset and programming knowledge of children using Scratch, JavaScript, Lua, and C#/Unity.

• Taught over 50 - 100 students coding fundamentals, guiding them using Socratic questioning

Headstarter AI   **July 2024 – Sept 2024**

Software Engineer Fellow   *Vancouver, BC*

• Designed and implemented multiple innovative projects using NextJS, OpenAI, Pinecone, and StripeAPI.

• Led and deployed full-stack projects using MVC design patterns through mentoring and feedback from industry leaders.
(ex. Google, Meta, Facebook)

PROJECTS (Hackathons/Projects)

HeyFreddy|Gemini API, Next.js, Node.js, Supabase

• Built an AI-driven client–freelancer matchmaking assistant to connect businesses with top talent.

• Integrated Gemini API for natural language understanding to analyze client requirements and generate optimized matches.

• Used Supabase for real-time database management, enabling scalable user data storage and retrieval.

ThenStep| Next.js, Bun, OpenStreetMap, Google Maps API, Puppeteer

• Developed an advanced map application that allows users to search for both normal driving and walking routes, as well as scenic alternatives.

• The app uses natural language processing to interpret search queries, offering various route options based on user preferences.

• Leveraged Puppeteer for web scraping to gather data on safety reports, local meetups, and community events.

• Integrated OpenStreetMap and Google Maps API for dynamic and interactive mapping.

LeetMeIn|Nextjs, React, Tailwind

• Developed a mock tech interview platform that simulates real-world scenarios.

• Developed a real-time AI-driven code analysis feature using the Chat Completions API (4o-mini) to provide users with feedback on code performance and optimization strategies.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C++, C#, HTML, CSS,
Frameworks & Libraries: React, Node, Express, REST APIs, Git, MySQL, MS SQL
DevOps: Docker, Kubernetes, Amazon Web Services (AWS), Azure, CI/CD