Khalil (Haoge) Wu

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Education

Langara College, Vancouver, BC · January 2026 - Present

Associate of Science in Computer Science (in progress)

- Coursework: Marketing (MARK 1115, in progress), Statistics (STAT 1123), Computer Science (CPSC 1050; CPSC 1040 in progress)

Projects

FretFlow, a guitar-practice app for iOS and web · fretflow.io · 2026

- An app that shows a song's chords and tablature on an interactive fretboard to practise along with.

Pulse Watch, a health app for Apple Watch and iPhone · 2026

github.com/Lfrangt/pulse-watch

- Shows recovery, sleep and training summaries from Apple Health data.

Activities

Tutor, introductory AI classes for children · May - July 2026

- Taught a weekly class that began with a neighbour's Grade 3 child and grew to five children through the neighbour's recommendation; the children made 21 simple games of their own, collected at khalil-arcade.vercel.app.

Vancouver AI community, participant and event volunteer · April 2026 - Present

- Attended more than 24 in-person AI events. In May 2026 was on the host team for Cursor Hackathon Vancouver and an AI agent workshop, helping arrange people, food and venues and promote the events; they drew 200+ and 100+ sign-ups.

Volunteer, Richmond City Council election · September 2026

- Put up campaign signs and go door to door for a candidate; visited more than 100 households so far to introduce the campaign's priorities

Athletics · 2020 - Present

- Running since Grade 8, three times a week; completed a first half marathon at 16 and the BMO Vancouver Half Marathon in May 2026. Also skiing, mountain biking and gym training.

Skills

Languages: Python, TypeScript, JavaScript, Java, MySQL, PostgreSQL, HTML, CSS, R, C++

Frameworks: FastAPI, Flask, Spring Boot, React, Next.js, Node.js, Express, Django, Angular, Vue.js, Redux

Cloud & DevOps: AWS (Lambda, EC2, S3, ALB, Bedrock), Supabase, Firebase, Vercel, Docker, Kubernetes

Tools: Git, GitHub, Redis, MongoDB, Elasticsearch, RabbitMQ, Jenkins, Nginx, Linux, Agile

AI/ML: TensorFlow, OpenCV, MoveNet, LangChain, Langfuse, Vector Embeddings, LLM APIs