

Hugo Chen

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EDUCATION

University of British Columbia

Bsc. Computer Science

Vancouver, Canada

2025 – 2028

Simon Fraser University

High School Concurrent Studies

Burnaby, Canada

2023 – 2025

Centennial Secondary School

High School Diploma

Coquitlam, Canada

2021 – 2025

- 94% average, achieved 12 5's on AP Exams
- President of Math Club and Peer tutoring program
- Received Math Service Award, Schulich Leader Nominee, and Valedictorian Candidate

EXPERIENCE

Framer

Linty Constructions

Jun. 2023 – Oct. 2024

Vancouver, BC

- Framed 4 custom residential homes, including an energy-efficient Step Code 5 project
- Streamlined project coordination by leading English/mandarin communications between clients and contractors.
- Drove an increase in high-end client inquiries by designing and launching a website.

Bike Mechanic

Canadian Tire

Jun. 2022 – Jun. 2023

Coquitlam, BC

- Delivered the lowest rework and return rate on serviced bicycles
- Recognized by managers for precision and reliability during peak seasonal demand
- Advised customers on bike selection, achieving top monthly sales in the store

Teacher

Lively Education

Jan. 2022 – Jun. 2022

Online

- Led weekly virtual English classes for ESL students, supporting vocabulary, grammar, and conversational skills
- Adapted lesson plans to varying proficiency levels, ensuring engaging and accessible instruction

PROJECTS

Personal Website | *HTML, CSS, JavaScript*

Jul. 2025 – Present

- Developed a frontend static personal website
- Applied version control (Git/GitHub) to manage changes
- Included various transformations and animations using CSS

BitBot | *Python, REST API, Pandas*

Aug. 2025 – Present

- Implemented automated price logging to CSV using Python, Pandas, and Requests
- Applied environment variables (dotenv) for secure API key and configuration management
- Retrieves and parses live OHLC data from Kraken's API into Python dictionaries and Pandas dataframe

Unit Calculator | *Kotlin, Jetpack Compose*

Aug. 2024 – Mar 2024

- Android app supporting mixed metric and imperial units with unit-aware operations
- Integrated error handling and validation to ensure robustness and accuracy of computations
- Integrated a simple UI into the program using Jetpack Compose

Coffee Table | *Fusion 360, Woodworking*

Sep. 2024 – Jun. 2025

- Used CAD to design and provide precise measurements
- Utilized joinery techniques to balance structural integrity and aesthetics
- Optimized material selection to achieve cost-efficiency while ensuring strength and reliability

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Kotlin, JavaScript, HTML/CSS, MATLAB

Others: Microsoft Suite, AutoCAD, Fusion 360, Wordpress

Spoken Languages: Mandarin (native), Japanese (advanced), English(native)

Hobbies: Woodworking, badminton, skiing, cello, cooking