

Victor Han

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<https://github.com/Vic-Han>

Skills

- Programming Languages: C++, Java, C#, Python, Javascript, HTML, CSS
- Frameworks and Libraries: MySQL, React, MongoDB & Mongoose, Express.js
- Other Technologies: Git, Github, Shell Scripting, Emscripten & WebAssembly, Node.js,

Projects

- Portfolio Website : <https://vic-han.github.io/>
 - UI displaying portfolio made with HTML, CSS, and JavaScript
- Ultimate Tic Tac Toe AI
 - Complex game logic and search algorithm written in C++
 - Optimized using bitboards and bitshift operations
 - AI compiled to WebAssembly using Emscripten
 - Front End Web Application written in JavaScript
- Fitness Tracker
 - Web Application written in Java for users to keep track of their fitness progress
 - Database is managed using MySQL
 - Users have the ability to edit any meal or workout
 - Users can create their own custom foods or exercises to use in their meals or workouts
 - Users can sign up for coaching, coaches can view user information
- Recipe Selector
 - Web Application written using React, Mongoose, and Express.js
 - Admins able to add and edit ingredients and recipes
 - Users able to filter out recipes with dietary requirements
 - Users able to include ingredients they have to help filter recipes

Education

University of Calgary Bachelors of Science : Computer Science (09/2020 - Present)

Applicable courses:

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| - Introduction to Software Engineering | - Database Management Systems |
| - Design and Analysis of Algorithms | - Computer Networks |
| - Principles of Operating Systems | - Deep Learning for Vision |
| - Artificial Intelligence | - Computing Machinery II |

Work Experience

- **Meat Hygiene Inspector** Canadian Food Inspection Agency (05/2022 - 03/2023)
Reference : Betty Moch: betty.moch@inspection.gc.ca
 - Verify cow slaughter plant is following federal government food safety standards
 - Ensure every part of each carcass is properly inspected
 - Perform incision, visual, and palpation inspection on beef heads and organs
 - Rail out cow carcasses and offal parts with serious pathologies for veterinary inspection
- **Front End Cashier** No Frills (08/2020 - 08/2021)
Reference: Charmaine Butler: 902-301-4760
 - Assisted customers checkout
 - Provided quality customer service
 - Stocked aisles during downtime