

Daheng Wang

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SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Windows • macOS • Linux (currently learning)

Applications | Word • PowerPoint • Eclipse • IntelliJ IDEA • Visual Studio Code

Programming | Java • HTML • CSS • JavaScript • Currently learning: C, Python, Clojure, Erlang

Platforms | Docker • Node.js • Express.js • Jupyter Notebook

Web Technologies | AJAX • HTTP • Cookies • Sessions

Languages:

- English: Spoken & Written – fluent
- Chinese: Spoken & Written – fluent
- French: Spoken & Written in between intermediate & beginner

Licenses & Certifications | Valid driving permit

EDUCATION

Bachelor of Computer Science – Computer Science Co-op

2024 - 2027 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Relevant Courses:
 - Object-Oriented Programming II (*Java*)
 - Web Programming (Front-End, Back-End, and Basic Databases)
 - Engineering Mathematics (*Advanced Calculus*)
 - Numerical Methods (Computational Techniques for Mathematical Problems)
 - Data Structures and Algorithms
 - Principles of Programming Languages (*C, Python, Clojure, Erlang*)
 - Data Analytics (Statistical Modeling, Large Datasets, Machine Learning Fundamentals)

PROJECTS

Autonomous Ultrasonic Sensor Car Robot (Academic)

CEGEP Arduino Robotics Project

Dawson College, Montreal, QC

Fall 2023

- Project explanation: Build a mobile robot equipped with ultrasonic sensors for obstacle detection, then use C++ to process the control system (sensor input & motor output) to enable autonomous navigation. The project accomplished and achieved 2nd place in class demonstration ranking.
- Technical skills: C++ language, hardware knowledge and assemble robot skills

Core Competencies: problem assessment and analysis, critical thinking, adaptability

Comprehensive Canadian Income Tax Calculator (Quebec)

Winter 2025

Java OOP Project

Concordia University, Montreal, QC

- Goal: build a program which will calculate the federal and Quebec provincial taxes based on any given gross income. The program needs to be rigorous and can handle any unexpected input.
- Technical skills: Java, Input handling, Structure control

Core Competencies: Analytical thinking, Problem solving, adaptability

Tariff Management System

Winter 2025

Java OOP Project

Concordia University, Montreal, QC

- Goal: build a program which simulates trade conflicts between countries, processes tariff data from input files, applies tariffs, and generates a summary report of their effects using linked lists.
- Technical skills: Java, Exception handling, Structure control, File I/O, Linked list, ArrayList

Core Competencies: File handling, Problem solving, data analysis, Analytical thinking

Web Design for “Adopt a Dog/Cat” (Academic)

Winter 2025

Web Programming Project

Concordia University, Montreal, QC

- Project explanation: Build a mobile robot equipped with ultrasonic sensors for obstacle detection, then use C++ to process the control system (sensor input & motor output) to enable autonomous navigation. The project accomplished and achieved 2nd place in class demonstration ranking.
- Technical skills: HTML, CSS, JavaScript, Node.js

Core Competencies: problem assessment and analysis, critical thinking, adaptability

WORK EXPERIENCE

Kitchen helper

Summer 2019

Dagu Rice Noodle, Montreal, QC

- Roles and responsibilities:
 - Maintain cleanliness to support kitchen efficiency
 - Proactively identifies and assists the kitchen staff to maintain smooth workflow
 - Collaborated with team members to ensure timely service at peak hours
- **Skills:** Attention to Detail • Adaptability • Teamwork & Collaboration
- **Length:** half a month

Cashier

Aug. 2021 - Feb 2022

Spicy Noodle Liang, Montreal, QC

- Roles and responsibilities:
 - Assisted customers with menu selections, answered questions, and recommended items based on preferences.
 - Processed customer transactions efficiently and accurately, handling cash, credit, and digital payments.
 - Maintained a clean and organized checkout area,
 - **Skills:** Attention to Detail • Multitask • Customer Service • Communication Skills • Cash Handling & POS Systems
- Length: half a year (full time in summer, part time in fall)**

Waiter

July 2023 - Nov. 2024

I Am Pho St-Laurence, Montreal QC

- Roles and responsibilities:
 - Everything needed as a cashier is required as a waiter
 - Delivered food and beverages accurately and promptly, ensuring customer satisfaction throughout the dining experience.
 - Manage multiple tables
 - Worked collaboratively with kitchen staff and fellow team members to ensure timely food preparation and delivery.
- **Skills:** Attention to Detail • Multitask • Customer Service • Communication Skills • Cash Handling & POS Systems • Teamwork • Problem-solving

Length: 1.5 years (One year full time + half a year part time)

INTERESTS

Experience Abroad	Been to United States, Japan, Korea.
Sports	Basketball, ping-pong
Music	Sing, Playing musical instruments, flute, trumpet.
Passions	Like to deal with challenging things. For example, successfully code a program