

EDUCATION

McGill University, Montreal, QC, Canada

B. Sc. Software Engineering

Fall 2021 – Winter 2025

PROJECTS

Productivity Dashboard

2025

Implemented an interactive task manager that allows users to add, edit, delete, mark complete, reorder, and filter tasks. Features persistent storage with LocalStorage, inline editing, drag-and-drop reordering, and a responsive, clean UI.

Tools used: HTML, CSS, JS, DOM Manipulation, LocalStorage

Web-based Board Game App

2025

Developed an interactive web app featuring Checkers and Konane, playable in local 1v1 or AI modes. Implemented an AI opponent using Minimax with alpha-beta pruning and multiple difficulty levels. Designed scalable boards and responsive UI with Tailwind CSS.

Tools used: React, TypeScript, Vite, Tailwind, Canvas/SVG

Chef Claude

2025

Built a single-page web application that generates recipes based on the ingredients you have on hand, powered by Claude AI.

Tools used: React, React State, React Forms, Express.js, Node.js, Anthropic Claude AI

SMARTLY Goals

2025

Built an interactive SMART goal-setting platform that uses an AI-powered review system to evaluate and refine user-generated goals. The app provides real-time feedback for each SMART component and allows users to export their finalized goal as a formatted PDF.

Tools used: React, JavaScript, Vercel Serverless Functions, HuggingFace Inference API, Llama 3 Model, HTML/CSS, Node.js

Portfolio Website

2025

Designed personal website intended for recruiters to learn more about me, my projects and my qualifications.

Tools used: JavaScript, HTML, CSS

Mars Rover Simulator

2025

Collaborated in a 7-member Agile team to build a Mars rover simulator using NASA HRSC MOLA data. Applied OOP to design modular pathfinding algorithms (A, BFS, DFS) and a tab-based interface, implemented SQLite storage, managed workflow with Git, and followed the full software engineering lifecycle from specification to implementation.

Tools used: Python, pygame, SQLite, Jira, Git

TECHNICAL SKILLS

Programming Languages: Python, Java, Swift

Web Technologies: JavaScript, Typescript, HTML, CSS, SQL, Tailwind, Vite

Frameworks: Express.js, Node.js, React, Bootstrap

Libraries & APIs: Pandas, JSON, Axios, HuggingFace

Dev Tools: GitHub, Git, Azure DevOps, Docker, Visual Studio Code, PostgreSQL, Xcode, Postman, Unix, Jira

Testing: JUnit, unittest, Cucumber

Microsoft Office: Word, Excel, PowerPoint

Languages: English, French

WORK EXPERIENCE

Sansotei Ramen – Server (Part-time)	Aug 2024 - Present
Transferable Skills: Client communication, multitasking under pressure, workflow coordination, rapid skill acquisition, service process adherence	
AI Language Contributor for Canadian French (Contract)	Dec 2023 – Jan 2024
Transferable Skills: Linguistic quality evaluation, guideline-driven review, attention to detail, error detection, written communication	
Sushi Ya Matcha – Sushi Chef (Part-time)	May 2022 – Oct 2022
Transferable Skills: Procedural accuracy, quality control, time-critical execution, team-based operations, consistency under pressure	
Pointe-Claire Day Camps – Summer Camp Monitor	June 2021 – Aug 2021
Transferable Skills: Group supervision, safety awareness, conflict resolution, activity coordination, leadership accountability	
Dairy Queen – Crew Member (Part-time)	June 2020 – Jan 2022
Transferable Skills: Transaction accuracy, time management in high-volume settings, team coordination, operational reliability	
Dollarama – Sales Associate (Seasonal)	June 2019 – Sep 2019
Transferable Skills: Inventory organization, point-of-sale operation, customer assistance, process compliance, reliability	