

Braden Wei

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Education

McGill University

B.Sc. Computer Science and Statistics

Expected 2026

- **Coursework:** Software Systems, Operating Systems, Data Structures, Statistics, Honors Calculus

Experience

Valsoft Corporation

AI Developer Intern

Montreal, QC

June 2025 - Present

- Scoping and prototyping **AI features and proof-of-concepts (POCs)** across Valsoft's portfolio companies, with a focus on delivering measurable value to end-users.
- Developing an **AI-powered chatbot** for **American Data's ECS platform** to support natural language interaction with clinical records and care data.
- Collaborating with **portfolio company R&D teams** to ensure successful integration of AI capabilities into existing products and workflows.
- Conducting research on recent advances in **LLMs, retrieval-augmented generation (RAG)**, and other AI technologies to inform solution design.

GnoHive

Software Engineer Intern

Washington, US

April 2025 - June 2025

- Built and maintained scalable backend services using **Node.js**, supporting core platform features and ensuring reliable API performance for **1000+** users.
- Designed and optimized **MySQL** databases to improve data integrity and query efficiency, contributing to faster load times and smoother user experiences.
- Implemented **social media login integration** using **Passport.js** for content creators, and built a dashboard leveraging **Instagram Graph API, TikTok API, and Facebook Graph API** to display top-performing posts.

Awards & Projects

Instagram Business Order Automation Tool

[project link](#) 

- Developed an automation system to **streamline order processing** for Instagram businesses by identifying orders in messages and generating receipts for each order. Built with **Typescript/React** frontend and **Python** backend for API calling and server management
- Utilized **ChatGPT API** for AI-powered order extraction and **React Flow** for a visual workflow automation interface.
- Deployed the full-stack application on **Vercel** for customers.

Roomiez

Nov 2024 - Present

- Designed and developed a **cross-platform mobile app** using **React Native** and **Expo** to help university students find compatible roommates more efficiently.
- Built backend services with **Express.js** and integrated **Firebase Realtime Database** for seamless, real-time data sync between users.
- Implemented **Firebase Authentication** to securely manage user sign-up, login, and session state across platforms (iOS and Android).

Hack McGill

May 2024 - Present

- Developed and managed the budget for **McGill University's largest hackathon**, ensuring efficient financial planning and resource allocation for an event with over **600+** participants
- Coordinated event logistics, including managing catering services, securing sponsorships, and organizing merchandise distribution
- Negotiated with leading tech companies such as **Bell, Amazon, and Telus**, crafting tailored sponsorship packages and securing contracts, contributing to over **\$550,000** in sponsorships since the event

Technologies

Languages: Java, Python, TypeScript, SQL, JavaScript, C++, C

Technologies: Node.js, React.js, React Native, Pytorch/Tensorflow, Express.js, Django, Angular, Unix/Linux