

BENJAMIN BOUHDANA

Montreal, QC | <https://portfolio-benb.vercel.app/> | <https://github.com/BB885> | benjamin.bouhdana@mail.mcgill.ca |

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, JavaScript

Web and Frameworks: React, FastAPI, SQL, Next.js

Databases: SQLite

Tools and Platforms: Git, GitHub, Vercel, Render, Bash, Azure DevOps, Azure

Communication Languages: Fluent in English and French

SOFTWARE ENGINEERING PROJECTS

Internship Application Tracker, *React, FastAPI, SQLite, Vercel, Render*

Personal Project | 2025

- Built and deployed a full-stack web application to track internship applications, implementing CRUD functionality, inline editing, filtering, and sorting.
- Designed a REST API using FastAPI and SQLAlchemy with persistent storage and data validation.
- Implemented analytics with chart visualization and PDF export, and deployed the frontend on Vercel and backend on Render using CI/CD pipelines.
- Debugged and resolved production issues including CORS configuration, environment variables, and deployment errors.

Notes Web Application, *Django, Docker, Azure DevOps, Azure*

McGill University | 2025

- Built and containerized a Django web application using Docker.
- Implemented a CI/CD pipeline with Azure DevOps for automated container build and deployment.
- Deployed the application to Azure App Service using Azure Container Registry.
- Collaborated with teammates to manage deployments, configuration, and application updates.

Hockey Odds Calculator, *Python, JavaScript*

Personal Project | 2024

- Built a data-driven tool to compute hockey odds by aggregating and normalizing data from external APIs and web sources.
- Processed and analyzed datasets to generate probability-based outcomes.

WareFlow, *Java, React, Git*

McGill University | 2024

- Collaborated in a team to develop a Java-based warehouse management system with a graphical user interface
- Used GitHub for version control, issue tracking, and team collaboration.

LEADERSHIP AND EXPERIENCE

Founder and Lead Developer – Academic MTL

Montreal, QC | 2022-2023

- Founded and led a creative platform for fashion students to showcase their work.
- Built and maintained a website using HTML/CSS and Java, and collaborated on digital initiatives to increase platform visibility

Google Developer Club (member) – McGill / GDG on Campus

Montreal, QC | 2025-2026

- Assisted in planning and promoting hackathons, coding workshops, and networking events with Google representatives.

- Helped increase event attendance through student outreach and engagement.

EDUCATION

Bachelor of Engineering (Software Engineering Co-op), *McGill University*

2026

Relevant Coursework: Algorithms and Data Structures, Model-Based Programming, Intro to Software Systems, Foundation of Programming, Fundamentals of Software Development, Communication in Engineering.