

# BENJAMIN BOUHDANA

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