

Jason Rustom

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EDUCATION

McGill University

Montreal, QC

B.Eng Software Engineering Co-Op, Minor in AI

Aug 2023 – Dec 2027

- Charles H. Ivey Foundation Scholarship | Dean's Honour List | **GPA: 3.95/4.00**
- **Coursework:** Data Structures and Algorithms, OOP, Operating Systems, Networking, Design Patterns, Computer Architecture, Functional Programming

EXPERIENCE

Software Developer Intern | Spring Boot, Angular, Bash

May 2025 – Aug 2025

Intact Financial Corporation

Montreal, QC

- Engineered a new Spring Boot service projected to secure **50K+ customer contracts** and drive revenue growth.
- Optimized user experience through high-impact A/B tests, generating **\$500K+ in additional revenue**.
- **Mentored and onboarded a new engineer**, accelerating productivity and team integration.
- Automated repetitive workflows, **improving developer productivity by 80%**.
- Identified and resolved a critical production issue preemptively, preventing user impact and service downtime.

Full-Stack Developer Intern | React Native, Express, Python

May 2024 – Aug 2024

ParkUsher

Montreal, QC

- Developed and deployed 5+ features in React Native and TypeScript.
- Boosted revenue potential by **400%** and improved UX for **15K+ users**.
- Upgraded backend to support multi-city operations, **expanding user reach by 200%**.
- Streamlined CI/CD with GitHub Actions and Python, cutting manual work by **70%**.
- Accelerated deployment cycles through automation and pipeline optimization.

PROJECTS

Hotspot | Spring Boot, React, MongoDB | hotspotapp.vercel.app | github.com/jrustom/hotspot

Aug 2025

- A full-stack web application that enables location-based group chats through interactive map hotspots.
- Uses **WebSockets** to deliver seamless **real-time communication**.
- Integrated **Spring Security** with **JWT** for robust, stateless authentication.

Montreal Junior Tennis League | React, Google API | mtljrinterclubtennis.com

Jun 2024

- A dynamic website for a youth tennis league, providing schedules and updates for **500+ parents and players**.
- Integrates the Google Sheets API for **automated content management**.
- Provides English and French translations for a bilingual audience.

Build-A-Book | React, Python, Multithreading | github.com/jrustom/Build-a-Book

Jan 2024

- **Won “Best Use of AI for Education” at ConUHacks VIII.**
- Developed a platform that creates custom illustrated children's book using **OpenAI** and **Stability AI**.
- **Implemented multithreading** to optimize image generation user experiences.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, TypeScript, OCaml, Bash, SQL

Frameworks: Spring Boot, Spring Data, Spring Security, React, Angular, Cucumber, JUnit

Developer Tools: Git, Docker, Linux, Postman, Maven, VS Code, Neovim

LEADERSHIP

Avionics Software Developer | C++, C, STM32

Jan 2025 - Present

McGill Rocket Team

Montreal, QC

- Planned, developed, and tested avionics software, including a Kalman filter for precise apogee detection.

VP Technology

Oct 2025 - Present

Roses for a Cause

Montreal, QC

- Technological operations at a non-profit raising money for breast cancer research.