

# JASON RUSTOM

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## EDUCATION

McGill University

Expected Graduation: Dec 2027

*B.Eng. Software Engineering Co-Op | Minor Applied Artificial Intelligence*

*Montreal, QC*

- 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

## TECHNICAL SKILLS

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

**Libraries/Frameworks:** Spring Boot, ReactJS, Angular, Hibernate ORM

**Tools:** Git, Linux, Neovim, Maven, Gradle, Postman

## EXPERIENCE

Backend Engineer Intern | Spring Boot, Angular, TypeScript, MongoDB

May-Aug 2025

*Intact* *Montreal, QC*

- Led development of a new Spring Boot service with potential to secure **50,000+ new customer contracts** and substantial future revenue growth.
- Delivered multiple high-impact A/B tests that optimized user experience and generated **over 500k in additional revenue**.
- **Onboarded a new team member**, providing comprehensive knowledge of systems and processes to ensure rapid productivity in their first weeks.
- Created an automation script that eliminated repetitive tasks, **boosting developer productivity by 80%**.

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

May-Aug 2024

*ParkUsher* *Montreal, QC*

- Developed and deployed more than **5 key features** using **React Native** and **TypeScript**, boosting company revenue potential by **400%** while improving user experience for over **15,000 users**.
- Upgraded back-end infrastructure to support multi-city operations, driving a **200%** increase in user reach.
- Streamlined CI/CD pipelines using **GitHub Actions** and **Python**, reducing manual intervention by **70%** and accelerating deployment cycles.

## PROJECTS

Hotspot | Spring Boot, React, MongoDB | [github.com/jrustom/hotspot](https://github.com/jrustom/hotspot) | [hotspotapp.vercel.app](https://hotspotapp.vercel.app)

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**.

Avionics Software – McGill Rocket Team | C++, C, STM32

June 2025

- Planned, developed, and tested avionics software, including a Kalman filter for precise apogee detection.
- Implemented **real-time flight data processing** to enhance rocket performance and safety.

Montreal Junior Tennis League | React, JavaScript | [mtljrinterclubtennis.com](https://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** and provides English and French translations for a bilingual audience.