Matteo Robidoux

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SKILLS

Programming: Java, JavaScript, React, Python, C#, C, Django, SQL, Kotlin, .NET, Bash, Express, Clojure, MongoDB

Tools: Git, Docker, Bitbucket, IntelliJ, TeamCity, MongoDB, Azure, Jira, Confluence, Oracle, AWS EC2, S3

Others: English, French, Italian, Linux, AI

EXPERIENCE

TS Imagine   **Montreal, Quebec**
QA Java Developer   *April 2023 - Present*

- Designed and developed a Java framework with a strong emphasis on quality and performance for a globally used trading platform.
- Worked extensively with Java and JavaScript to provide dual functionality for both the trading platform and its associated website.
- Collaborated closely with cross-functional teams worldwide to develop solutions, integrate new features into the development cycle, and plan future initiatives.

PROJECTS

Campus Connect   **April 2023**

- Developed a MERN application to replace Omnivox for students at Dawson College, featuring real-time chat using Socket.IO for dynamic room-based interactions in common classes, a shared calendar for event management, and enhanced functionalities for collaborative learning and seamless communication.
- Scraped Dawson College's course listings and instructor data for seamless integration into our application.

. Ring Camera   **December 2022**

- Engineered a sophisticated real-time GUI application using JavaFX on a Raspberry Pi to dynamically display and manage sensor data, including temperature, humidity, doorbell events, and motion camera feeds from multiple users.
- Deployed secure messaging protocols through MQTT with HiveMQ, facilitating encrypted communication where data integrity is maintained by signing and verifying messages to prevent unauthorized access and ensure accuracy.

Academic Showcase   **May 2022**

- Developed a full-stack web application using Django, allowing users to upload, showcase, and interact with academic projects from various fields, with features like user registration, profile management, and project rating.
- Implemented role-based access control with distinct permissions for superusers, item admins, and member admins, ensuring secure and efficient data management all ran through postgresql.
- Enhanced user experience with advanced search and API functionalities, enabling users to filter projects, send messages, receive notifications, and easily navigate the platform.

EDUCATION

Concordia University   **Montreal, Quebec**
Bachelor of Computer Science   *September 2023 - May 2026 (Expected)*

Dawson College   **Montreal, Quebec**
Diploma of College Studies (DEC) – Computer Science and Technology   *August 2020 – May 2023*