YIXUAN QIN

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Education

McGill University, Montreal, Canada   CGPA: 3.7/4.0

Bachelor of Engineering in Software Engineering Co-op   *September 2021 - May 2025 (Expected)*

Marianopolis College, Montreal, Canada

Diplôme d'études collégiales in Health Science   *September 2019 - May 2021*

Skills

- **Programming Languages:** Java (advanced), SQL (advanced), Python (intermediate), C (intermediate), Bash Script, HTML & CSS, Functional Programming
- **IDEs and Tools:** IntelliJ, Visual Studio Code, Gradle, Git, Bitbucket, Jenkins, Docker and Jira
- **Soft Skills:** Agile Methodology, Team work, Problem Solving and Time management
- **Languages:** English (advanced), Chinese (advanced), Japanese (learning)

Work Experiences

Technology Analyst (Java)   *May 2023 - December 2023*

Morgan Stanley - Montreal, Canada

Collaborated with E*Trade and Shareworks, driving the development and testing of innovative features for the Shareworks application in an Agile Methodology-driven team.

- Worked closely with the product manager, proposing effective solutions and facilitating design review meetings with cross-functional teams
- Conducted comprehensive integration and unit testing and contributed to code reviews to enhance code quality
- Hosted team retrospectives and led design reviews in collaboration with staff developers
- Gained hands-on experience with Kafka, SAML Payload, RESTful API, Blackouts and DRIP Jobs
- Participated in Morgan Stanley hackathon - integrate multiple JVM languages (such as Ruby) into Java to add diversity to the application

Academic Projects

Museum Management Application   *Sep 2022 - December 2022*

In a team of six software engineering students.Designed and developed a Museum Management System web application catering to various user types.

- Spearheaded the development of the application's Java backend, implementing Gradle for efficient build automation
- Crafted the application's frontend using Vue.js in JavaScript, ensuring a user-friendly interface
- Used PostgreSQL for relational database, connected frontend and database using RESTful API

MAIS Hacks 2021   *Oct 2021*

Designed a simple machine-learning program which guesses the winner of an ongoing League of Legend game using Random Forest in a team of 3 during McGill Artificial Intelligence Society Hackathon.