

# Karen-Fae Laurin

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## Profile Summary

As a former mathematics teacher with a newly acquired degree in Computer Science, I am continuously sharpening my technical knowledge and deepening my problem-solving skills through learning. This eagerness to learn led me to complete my bachelor's degree in just two and a half years. My adaptability provides me with a distinct advantage in this ever-evolving field. I am eager to demonstrate my skills within a team that shares my interests.

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## Technical & Power Skills

**Languages:** Java, SQL - intermediate, Python - intermediate, C/C++ - basic, Spring boot - basic and Angular - basic.

**Technologies Tools:** Version Control - Git and GitHub. Text Editors - VSCode, IntelliJ and Eclipse.

**Power Skills:** Adaptability: Adjusted to changing priorities, balanced multiple roles within a team and handled unexpected challenges to achieve project goals. Communication: Provided guidance to colleagues needing direction, led meetings by setting clear agendas and encouraged active participation.

**Fluent in French and English** (both written and spoken).

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## Education

**Université de Montréal - Computer Science (3.7 GPA) - Jan 2022 - May 2024**

**Key Subjects** - OO programming with Java, Introduction to OS in C, Applied numerical algorithms in C, Databases, Theoretical computer science, Software engineering and QA, Applied and theoretical mathematics, Stochastic models.

**Université de Montréal - Mathematics statistics (incomplete) - Sep 2016 - Dec 2018**

**Key Subjects** - Statistics and probability, Stochastic probability, Financial mathematics, Introduction to programming software R and SAS, Introduction to programming in C and C++.

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## Related Experience

**Secondary School Mathematics Teacher - École secondaire Mirabel - 2020-2021**

- Rapidly acquired teaching skills and managed student discipline effectively despite a lack of formal training. Responded to mid-year COVID-19 restrictions by transitioning all instructional materials to a format suitable for remote teaching.
- Transferrable skills: Adaptability, communication, problem solving, collaboration, motivational, empathy and support.

**Waitress - Juliette et Chocolat Ste-Catherine - 2017 - 2020**

- Managed multiple roles including barista, runner and hostess showcasing strong multitasking skills. Provided support to colleagues and management as the most experienced waitress, demonstrating leadership and teamwork. Delivered personalized and efficient service with attention to detail, ensuring high levels of client satisfaction.
- Transferrable skills: Client service, multitasking, communication, collaboration, motivational.

**Student Academic Project - Robotix Software - 2023**

- A Maven project implemented the purchase of robot components from available suppliers and assigned detailed tasks to robots with scheduled execution times. The project encompassed all aspects of software engineering, employing an iterative approach and involving simulated client interactions.
- Held a leadership role in task distribution and scheduling, and was responsible for creating and overseeing UML class, activity, and sequence diagrams.
- Transferrable skills: Java, communication, leadership, collaboration, UML Diagrams, project management, adaptability

**Personal Project - Task Management - 2024**

- Full-stack application using Spring Boot and Angular gaining hands-on experience with their core features.
- Transferrable skills: Spring Boot, Angular, Java, dependency injection, modular programming