Marion Laurent

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EDUCATION

Université de Montréal — Montréal, Canada
Bachelor of Arts in Computer Science and Mathematics — *Sep. 2021 – Dec. 2024*

Lycée Blaise Pascal — Clermont-Ferrand, France
One-year undergraduate intensive preparation courses — *Sep. 2020 – July 2021*

Lycée Emile Peytavin — Mende, France
Scientific High School Diploma — *Sep. 2018 – July 2020*

EXPERIENCE

Treasurer (Volunteering) — Sep. 2023 – Present
Café Tore et Fraction — *Montréal, Canada*
- Budgeting: Preparing and managing the annual budget, controlling expenses, and optimizing costs
- Payment management: Supervising payments to suppliers, tracking invoices and collections
- Stock control: Assisting with stock management and control in collaboration with other departments
- Compliance with legal standards: Ensuring compliance with tax and legal accounting obligations

Barista — Aug. 2023 – Present
Restaurant L'Avenue — *Montréal, Canada*
- Customer service: Greet customers with courtesy and friendliness, answer their questions about beverages and menu options, and take their orders
- Preparation of beverages: Prepare and serve a variety of hot and cold drinks, such as coffees, teas, cappuccinos, and lattes, following quality standards
- Workstation maintenance: Clean and maintain equipment and work surfaces throughout the day

Mathematics Tutor — Sep. 2022 – April 2024
Excellence Académique — *Montréal, Canada*
- Lesson preparation: Prepare lessons tailored to the individual needs of students, based on their level and specific difficulties in mathematics
- Educational support: Provide clear explanations and problem-solving methods to help students understand complex mathematical concepts
- Progress tracking and evaluation: Monitor students' progress through exercises, assignments, and regular assessments, adjusting the teaching approach based on their results

PROJECTS

TileTasker | *JavaScript, Node.js, MongoDB, HTML/CSS, REST APIs* — May 2024 – Jul. 2024
- Developed a full-stack web application with user authentication and task management features
- Integrated modern technologies such as Node.js, MongoDB, and REST APIs for backend functionality, with frontend built using HTML5, CSS3
- Implemented asynchronous requests (AJAX) for real-time updates and dynamic pagination
- Managed data with task creation, modification, deletion, and filtering features

DIROgue | *Java, JavaFX, Maven, Socket* — Sep. 2023 – Dec. 2023
- Development of a client-server application for a video game based on a randomly generated dungeon, using Java and JavaFX
- Implementation of an MVC (Model-View-Controller) architecture for game management and user interface
- Creation of load and save adventure features, with client commands and server-side event handling
- Utilization of Maven for dependency management and project integration

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, SQL, JavaScript, HTML/CSS, R
Frameworks: React, Node.js, JUnit, JavaFX, WordPress
Developer Tools: Git, Docker, MongoDB, Excel, MATLAB, Mathematica
Libraries: pandas, NumPy, Express