

# Gabriel Lagacé

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## SUMMARY OF SKILLS AND QUALIFICATIONS

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**Operating Systems** | Windows 7 • Windows 8 • Windows 10 • Linux

**Applications** | Microsoft Office: Word • Excel • PPT • IntelliJ • Visual Studio • VS Code • Code::Blocks • Zotero

**Programming** | Java: Spring framework • Python • SQL • C • C# • HTML/XHTML • CSS • JavaScript: NodeJS, Express.js • Clojure • Erlang

**Languages** | English | Spoken & Written (fluent) • French | Spoken & Written (proficient)

**Licenses & Certifications** | Ontario G Class Driver's License, French Language Certificate

## EDUCATION

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**Bachelor of Computer Science – General Program Co-op**

**2022- 2026 (Expected)**

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- GPA 3.79
- Relevant Courses: Object Oriented Programming I & II, Web Programming, Data Structures & Algorithms, Principles of Programming Languages, Technical Writing and Communication

## WORK EXPERIENCE

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**Microservices Developer Internship**

**September - December 2024**

*Desjardins, Montreal, Quebec*

- Developed limited-scope application programming interfaces (APIs) in Java Spring Boot
- Worked in a highly Agile team with a focus on continuous improvement and development
- Unit tested code with Junit and Mockito frameworks and became familiar with enterprise quality assurance
- Improved French language proficiency in an all-French work environment

**Core Competencies:** Agile methodology, Spring Boot, Microsoft Azure, DevOps, unit testing, French

**Macroeconomics Study Group Leader**

**September - April 2023**

*Concordia University Student Success Center, Montreal, Quebec*

- Led weekly sessions demonstrating and exploring key macroeconomic concepts
- Guided students in their understanding of class material
- Created and hosted the SSC macroeconomics mock final exam
- Invitation to apply was extended for excellent academic performance in economics electives

**Core Competencies:** leadership, communication, PowerPoint

## PROJECTS

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### Web Programming – Cumulative Webpage Project (Academic)

January - April 2024

Concordia University, Montreal, QC

- Created a fully functional pet adoption webpage hosted on the Concordia domain
- Featured several forms utilizing Express.js for routing and handling GET and POST requests
- Managed text files containing user login information and pet information database
- Technical skills: JavaScript, NodeJS, Express.js, CSS, HTML

**Core Competencies:** time management, attention to detail

### Operating Systems - Client-Server Network Synchronization (Academic)

March 2024

Concordia University, Montreal, QC

- Implemented mutual exclusion locks and semaphores in Java to run client and server operations on data simultaneously
- Optimized running time by implementing multiple threads with the same function (data parallelization)
- Technical skills: Synchronization, Threading, Java Thread Library

**Core Competencies:** critical thinking, problem assessment and analysis

### C# .NET Forms Text Based Adventure Game (Personal)

January 2024 - Present

- Created a text-based adventure game in the Windows .NET forms UI framework
- Practiced and developed object-oriented programming skills to represent game data
- Utilized principles of object-oriented programming such as encapsulation and inheritance
- Technical skills: Object oriented programming in C#, Visual Studio, Windows .NET Forms

**Core Competencies:** critical thinking, problem assessment and analysis

## AWARDS & DISTINCTIONS

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OCDSB Silver Medal, For high school grade average of over 90%

2020-2021

## VOLUNTEER WORK

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### In from the Cold Supper Volunteer

Nov 2018-2019

Parkdale United Church, Ottawa, Ontario

- Waited and cleaned dishes for the Parkdale United IFTC supper. Average of 120 – 150 guests in attendance.

## INTERESTS

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- Fencer
- Trumpet Player
- Intrepid world traveller

**\*\*References available upon request\*\***