

# Charles-Olivier Ipperciel

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## Education

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Université de Sherbrooke, QC  
GPA: 3.52 / 4.30 (Current year)

Bachelor of Science in Computer Science  
January 2022 - June 2025

HEC Montréal, QC

Bachelor of Business Administration (2-year major)  
September 2019 to December 2021

**Relevant Skills:** (Main): Python, Java, C#, C++. (Other): JavaScript, HTML/CSS, PostgreSQL, Excel.

**Work tools:** Git, Linux, Docker, Azure DevOps, Octopus, Datadog, CI/CD, Unity.

**Video editing:** Adobe Premiere Pro, Adobe Photoshop, Pixaki.

**Linguistics:** Fluent in both spoken and written French and English.

## Work Experience

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- **Software engineer Intern** *Sherweb* *August 2023 – December 2023*
  - Implemented new features and fixed bugs in the billing department using **C#**.
  - Frequently used Datadog for monitoring and debugging purposes.
  - Daily scrums and several meetings throughout the week following an agile method.
- **Software engineer Intern** *Qwatro Inc.* *January 2023 – May 2023*
  - Developed a new application using **Python** for improved tracking of employee work hours at construction sites. Use of **PostgreSQL** for the database.
  - Participated in the company's digital transition efforts.
  - Contributed to the company's effort to purchase and set up an **ERP**.
- **Supervisor** *Super Aqua Club* *May 2014 – August 2022*
  - **Coordinated** and **disciplined** lifeguards in their daily tasks. Manage human resources for 100 employees and handled payroll. Frequently communicated with the public.
  - Started as a lifeguard at 14 years old as my first job and worked my way up to supervisor.

## Projects

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- **Amazon FBA Analysis Tool**
  - Algorithm and UI coded in **Python**. Manipulates **HTML** skeletons to extract desired information from amazon pages (useful for amazon resellers).
  - Add **query constraints** and transpose the desired results into **.csv** files.
- **Sudoku solver**
  - Application that can solve any sudoku using a tree data structure.
  - Programmed in **Python**.
- **Web-based Hotel Management Application**
  - Application that can manage internal hotel operations such as reservations, clients, rooms, and amenities.
  - Programmed in **Java** with **HTML/CSS**.

## Activities/Hobbies

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- Hockey *May 2014 – Today*
- Video games

- Music
- Weight training/Running