Charles-Olivier Ipperciel

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Education

Université de Sherbrooke, QC	Bachelor of Science in Computer Science
GPA: **3.52 / 4.30** (Current year)	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

- ***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

- ***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

- Hockey   *May 2014 – Today*
- Video games
- Music
- Weight training/Running