

# Adam Ousmer

## SOFTWARE ENGINEERING STUDENT

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### Computer Skills

- Java
- Python
- JavaScript
- SQLite3
- NodeJS
- Web Technologies
- C / C++
- Swift
- Flask
- KiCad

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### Education

Expected in May 2027

**Bachelor of Engineering:** Software Engineering  
Concordia University – Montreal, QC

- System Hardware: Fabrication of components and construction of a 4-bit computer.

May 2022

**DEC:** Natural Science – Enriched Program  
Collège de Maisonneuve – Montreal, QC

- Final project: Developed an AI without dedicated libraries, with all mathematical computations performed by hand.

July 2019

**High School Diploma:** International Baccalaureate (IB) program  
École Secondaire Henri-Bourassa – Montreal, QC

- Final IB project: Research project on strokes.
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### Experience

2020-Current

**Manager**

McDonald's – Montreal, QC

- Coached, mentored, and trained team members to improve their job performance.
- Resolved conflicts between employees by providing guidance on company policies and procedures.

2021-2023

**Volunteer Head Hockey Coach**

Association de Hockey Mineur d'Anjou (AHMA) – Montreal, QC

- Organized and managed all aspects of practice sessions, including drills, and conditioning exercises for goalies.
- Created and maintained a positive learning environment for athletes to develop their skills in the sport.

## Activities

<b>Space Concordia</b>	Rocketry Division – Avionics <ul style="list-style-type: none"><li>• Development of a Calibration Script for sensors</li><li>• Full stack development of a CT Scan Analyzer for rocket engine using Electron, Flask, Waitress WSGI, Axios and SQLite3 in both JavaScript and Python. This project involves the utilization of medical files.</li></ul>
<b>Frontend Web Developer</b>	Freelancer <ul style="list-style-type: none"><li>• Designing and developing websites using HTML, CSS and JavaScript for businesses to create the ideal digital front for their brand.</li></ul>
<b>Hackathon</b>	CodeML 2022 – PolyAI <ul style="list-style-type: none"><li>• Achieved second place solely for CGI's challenge by developing an AI to predict stroke risk based on specific patient data provided from the event.</li></ul>

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## Certifications

2023	<b>First Aid in the Workplace</b> - CNESST
2021	<b>Coach Certification</b> – Hockey Canada
2021	<b>Coach Certification</b> – Hockey Quebec
2021	<b>Respect in Sport – Activity Leader</b>

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## Languages

<b>French</b>	Native language
<b>English</b>	Professional level

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