

# MATHIEU LAJOIE

LinkedIn [linkedin.com/in/mlajoie03](https://www.linkedin.com/in/mlajoie03)

GitHub [github.com/MattL75](https://github.com/MattL75)

## SUMMARY OF SKILLS AND QUALIFICATIONS

**Operating Systems** | Windows 8.1 • Windows 10 • Linux • Android

**Applications** | Eclipse • IntelliJ • MS Office • Visio • Android Studio • Visual Studio • GitHub • Atlassian

**Programming** | Java • TypeScript • JavaScript • HTML • CSS • C++ • PHP • Ruby

**Other** | Angular 2/4/5 • SASS • Bootstrap 3+ • Angular Material • Spring 4.2+ • Jasmine • Node.js • UML • LibGDX • JavaFX • Hibernate • LESS • Maven • Gradle • Protractor • Karma • JUnit • Mockito

**Methodologies** | Agile and Scrum

**Languages** | French | Spoken & Written • English | Spoken & Written

**Licenses & Certifications** | Valid driving permit

## EDUCATION

### Bachelor of Computer Science – Co-op

2016- 2019 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Current GPA: 3.60

### DEC in Computer Science & Mathematics

2014-2016

Champlain College, St-Lambert, QC

- Honor Roll Student (2014-Fall, 2015-Winter, 2015-Fall, 2016-Winter)

### High School Diploma

2009-2014

École Secondaire Marcellin-Champagnat

## PROJECTS

### Mur à Mur (Personal/Competitive)

2016

Sherbrooke Hackathon 2016

- An application to aid new arrivals or tourists in discovering the rich history of Sherbrooke through the exploration of the city's murals. The user could point the device's camera and the system would recognize the mural, giving a brief description.
- Finding murals would unlock local-favourite restaurants and attractions in the immediate area as well as open an achievement in the system.
- The team consisted of five members, all from Champlain College St-Lambert.
- Entire application developed in a period of 30 hours of non-stop programming.
- Developed the original idea, was responsible for the user interface, animations, achievement system and integrating the work of every member into the application. Coded entirely in Java using Android Studio.
- Mur à Mur was given the overall second prize as well as the ZAP prize, which is handed to the team that makes the best use of the ZAP database, for total earnings of \$1500.
- Presented and praised for innovation at a Magog Conference for smart cities (June 1<sup>st</sup> 2016).
- Presented at the Congress of French E-Tourism as representative of Hack Sherbrooke (2016).
- Devpost page: <https://devpost.com/software/exploration-mural>

**Core Competencies:** Leadership, problem solving, adaptability, time efficiency, prioritizing, public speaking

## EzPlan (Personal)

2017-(present)

Concordia University, Montreal

- Built following a 4-month internship at Scigilian Software to maintain development skills.
- Intended as a simple way to keep track of exams and homework.
- Allows users to login and enter tasks or events using a responsive, friendly interface or a calendar.
- Application warns the user of anything upcoming in a dashboard.
- Made using Angular 4, Node.js, Spring and Teradata covalent.
- Eventually will be made into an Kotlin Android application and feature a user-friendly notification system.

**Core Competencies:** Creativity, autonomy, decision-making, research

## WORK EXPERIENCE

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### Junior Software Developer

May 2017– Aug 2017

Scigilian Software, Montreal, QC

- Full-stack web application development involving Angular 4, Spring and Node.js.
- Excellent employer evaluation rating.
- Integrated a team of highly-trained individuals in implementing an application meant to facilitate cooperation between big pharma companies.

**Core Competencies:** Cooperation, communication, public speaking, personal autonomy, efficiency

### Shift Supervisor

Aug 2014– Sept 2016

IGA Extra Gladu, St-Jean-sur-Richelieu, QC

- Responsible for a team of up to ten baggers, handing out chores and making sure that the store runs smoothly in the absence of superiors.
- Often left alone to close the store at night, ensuring that everything is in order for the next day.
- Providing personalized customer service by filling their every need.

**Core Competencies:** Responsibility, communication, decision-making, teamwork, leadership, organization

## AWARDS & DISTINCTIONS

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**Hack Sherbrooke 2016 – 2<sup>nd</sup> Place Award**, recognized for innovation and overall excellence of the application Mur à Mur. \$1250 in prizes. (April 2016)

**Hack Sherbrooke 2016 – ZAP Prize**, given to the application that made the best use of the ZAP database. \$250 in prizes. (April 2016)

**New Scholars of Engineering and Computer Science Scholarship**, handed to high-performing new entrants to Concordia University. \$2000 of scholarships.

## INTERESTS

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### Reading

Love learning about new languages through books. I own multiple java, C++, C and other technology books. Fantasy, dystopian and science-fiction are also among my favorite book genres.

### Sports Passions

Played competitive hockey for five years (2006-2011). I go for runs multiple times a week. I love programming and discovering new functionalities in code. Often, I will sit down and brainstorm for a new project to undertake. Most are small in their scope as they are intended to help me learn about either an unfamiliar function or a new language. I also enjoy playing video games from time to time and admire the extreme work involved in making them.