

Louis Barrette-Vanasse

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EDUCATION

B.SE. Software Engineering

McGill University, | Montreal, Canada | GPA: 3.91/4.00

Sep 2018 - Dec 2021

Computer Science & Mathematics

Champlain Regional College, Saint-Lambert, Canada 36.3 R score

Sep 2016 - Jun 2018

WORK EXPERIENCE

Full Stack Developer Intern

National Bank, Montreal, Canada

May 2020 - Aug 2020

- Contributed to building a financial planning website
- Worked with the Atlassian tools suite (Jira, BitBucket, Confluence)
- Actively participated in all Agile ceremonies
- Created components & pages working closely with the design team and configured the API calls in React
- Created REST endpoints, and modified the domain model according to business needs in Spring Boot

Full Stack Developer Intern

CGI, Montreal, Canada

May 2019 - Aug 2019

- Built a collaborative music streaming website from the ground up
- Implemented the fully-working backend in Spring Boot alone, and incorporated 2FA and endpoint authentication
- Contributed to making the frontend in Angular

PROJECTS

Artif.ai Python, Node.js, React

An e-commerce website selling AI-generated art

artif.ai

Alcoholometer Flutter

A mobile application that promotes responsible drinking by calculating BAC levels, warning users of side effects of each BAC level and estimating the time at which they will be sober again.

github.com/Louismousine/Alcoholometer

lexia JavaScript

Chrome extension to help dyslexic users browse the web.

github.com/Louismousine/lexia

McGill Course Enroller Node.js, GCP, Puppeteer

A microservice that automatically enrolls one in a class when a seat is liberated.

github.com/Louismousine/mcgill-autoregistration

Pet adoption website Java, Spring Boot, Heroku, React

Class project comprising of a backend with authentication features and a frontend - visit it here: pet-pawlace.herokuapp.com

github.com/Louismousine/pet-pawlace

Brick Breaker JavaFX, CSS

Class project requiring us to design a domain model and use the MVC pattern to implement a Brick Breaker clone - our project was voted best project of the class

github.com/Louismousine/Brick-Breaker-ECSE223

Circuit Circus JavaFX

github.com/Louismousine/Circuit-Circus

Circuit simulator applet made in JavaFX. Users can build circuits using wires, ground, resistors, voltage sources, 2 and 3 gates switches, transistors, diodes, inductors and capacitors. Voted best project by classmates

Lego Mindstorms Robot - Project Manager *Java*

As part of the Design Principles and Methods class, I managed a team of 6 students to build an autonomous Lego robot capable of moving from point A to point B while dodging obstacles and catapulting balls into bins.

SKILLS

<i>Programming Software</i>	Java, JavaScript, React, Typescript, Angular, HTML, CSS, C, React Native, Ocaml
<i>Devel- opment</i>	Git, Atlassian tools (Jira, Confluence, BitBucket), Jenkins & Travis CI
<i>Tools Soft Skills</i>	Written & oral communication, Teamwork, Agile methodologies, Project management

AWARDS

1st place at Tech Games <i>Feb 2020</i> Winner of the hackathon	Competitive Programming McGill
In-course scholarship <i>2020</i> Granted to the top 250 students in academic standing in engineering	McGill
Dean's List <i>2020</i> Honor received by students among the top 10% in academic standard	McGill
Narcissa Farand Entrance Scholarship <i>Sep 2018</i> Awarded to students coming from CEGEP whose R score is higher than 36.25	McGill
Bourse D'Excellence Desjardins <i>Jun 2018</i> Awarded to the student with the highest grades in a program	Champlain Regional College
Dean's List <i>2018</i> Honor received by students among the top 10% in academic standard	Champlain Regional College