

Louis Barrette-Vanasse

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EDUCATION

MCGILL UNIVERSITY

SOFTWARE ENGINEERING BENG

2018-2021 | Montreal

GPA: 3.9 / 4.0

CHAMPLAIN COLLEGE

COMP. SCI. AND MATHS

2016-2018 | Montreal

R Score: 36.3

LINKS

[github.com/ Louismousine](https://github.com/Louismousine)

[linkedin.com/in/ louis-barrette-vanasse](https://linkedin.com/in/louis-barrette-vanasse)

COURSEWORK

Applied Machine Learning
Intro to Software Engineering
Data Structures and Algorithms
Functional Programming
Algorithm Design
Operating Systems
Software Systems
Software Requirements

SKILLS

Java • JavaScript • Python • C
OCaml • CSS • HTML • Agile • Git
React • Angular • Spring Boot • Android
Machine Learning • Web development

HACKATHONS

BOLT Case Comp - Sep 2020 - **4th place**
HackInstead - Aug 2020
TechGames - Mar 2020 - **1st place**
Codejam - Nov 2019
National Bank Hackathon for Social Good
- Jul 2019 - **3rd place**

INTERESTS

- Avid cinephile
- Favorites: Life is Beautiful, American Psycho, Godfather I & II
- Hockey
- Machine Learning

EXPERIENCE

MCGILL UNIVERSITY | GRADER AND MENTOR

Sep 2020 - Present | Montreal, Canada

NATIONAL BANK OF CANADA | SOFTWARE ENGINEER INTERN

May 2020 – Aug 2020 | Montreal, Canada | Spring Boot (Java), React (Javascript, CSS, HTML)

- Contributed to building a financial planning advice website as a full stack developer
- Back-end - Wrote and reviewed code in Java using Spring Boot to develop new endpoints
- Front-end - Developed new pages and components in React

CGI | SOFTWARE ENGINEER INTERN

May 2019 – Aug 2019 | Montreal, Canada | Spring Boot (Java), Angular (Typescript, CSS, HTML)

- Built a music streaming website in Java and in Angular as a full stack developer

NOTABLE PROJECTS

ARTIF.AI | PYTHON, REACT

www.artif.ai

An e-commerce website that uses neural style transfer (AI) to generate art. Currently accessible and usable!

PREDICTING COVID HOSPITALIZATIONS | PYTHON

github.com/Louismousine/Covid-Hospitalizations-Predictor

An ML project that uses the Google search trends of various symptoms in different states to predict the number of weekly new hospitalization cases.

ALCOHOLOMETER | FLUTTER

github.com/Louismousine/Alcoholometer

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.

LEXIA | JAVASCRIPT

github.com/Louismousine/lexia

A Chrome extension to help dyslexic users browse the web.

CIRCUIT CIRCUS | JAVA

github.com/Louismousine/Circuit-Circus

An electronic circuit simulator JavaFX applet.

AWARDS

2020	top 10%
2020	Top 250 students
2020	Mentoring excellence
2018	Top entering students
2017-8	Top 10%
2018	Student with the highest grades

Dean's List, McGill
In-course scholarship, McGill
Tomlinson Engagement Award for Mentoring
Narcissa Farrand entrance scholarship
Dean's List, Champlain College
Bourse D'Excellence Desjardins