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**
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**

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 Engineering 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
- Created a backbone.js-like framework for the Captions editor.

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, but still in development.

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. Was voted best class project by my peers.

AWARDS

2020	top 10%	Dean's List, McGill
2020	Top 250 students	In-course scholarship, McGill
2020	Mentoring excellence	Tomlinson Engagement Award for Mentoring, M
2018	Top entering students	Narcissa Farrand entrance scholarship, McGill
2017-8	Top 10%	Dean's List, Champlain College
2018	Student with the highest grades	Bourse D'Excellence Desjardins