Louis Barrette-Vanasse

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EDUCATION

B.SE. Software Engineering   Sep 2018 - Dec 2021
McGill University, | Montreal, Canada | GPA: 3.91/4.00

Computer Science & Mathematics   Sep 2016 - Jun 2018
Champlain Regional College, Saint-Lambert, Canada 36.3 R score

WORK EXPERIENCE

Full Stack Developer Intern   May 2020 - Aug 2020
National Bank, Montreal, Canada

- 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   May 2019 - Aug 2019
CGI, Montreal, Canada

- 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*   artif.ai
An e-commerce website selling AI-generated art

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
Chrome extension to help dyslexic users browse the web.

McGill Course Enroller *Node.js, GCP, Puppeteer*   github.com/Louismousine/mcgill-autoregistration
A microservice that automatically enrolls one in a class when a seat is liberated.

Pet adoption website *Java, Spring Boot, Heroku, React*   github.com/Louismousine/pet-pawlace
Class project comprising of a backend with authentication features and a frontend - voted best project by my peers

Brick Breaker *JavaFX, CSS*   github.com/Louismousine/Brick-Breaker-ECSE223
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

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

SKILLS

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

AWARDS

1st place at Tech Games *Feb 2020*   Competitive Programming McGill
Winner of the hackathon

In-course scholarship *2020*   McGill
Granted to the top 250 students in academic standing in engineering

Dean's List *2020*   McGill
Honor received by students among the top 10% in academic standard

Narcissa Farand Entrance Scholarship *Sep 2018*   Champlain Regional College
Awarded to students coming from CEGEP whose R score is higher than 36.25

Bourse D'Excellence Desjardins *Jun 2018*   Champlain Regional College
Awarded to the student with the highest grades in a program

Dean's List *2018*   Champlain Regional College
Honor received by students among the top 10% in academic standard