

# Louis Mollick

Front-end/Full-stack Web Developer

[+1 514-804-6887](tel:+15148046887) | [louismollick@gmail.com](mailto:louismollick@gmail.com) | [github.com/louismollick](https://github.com/louismollick) | [louismollick.github.io](https://louismollick.github.io)

## Education

**Bachelor of Software Engineering – GPA: 3.89 – Distinction** (top 25% in the Faculty of Engineering)

**2018 – 2022**

*McGill University, Montreal, QC*

**Languages:** English (native), French (native)

## Work Experience

**Technology Analyst at Morgan Stanley** – Montreal, QC

**August 2022 – Present**

- Learning various coding languages and technologies (Unix, Train, C++, Java, Junit, Mockito, Scala, C#, etc.).

**Full Stack Software Developer Intern at Stocate** (ECSE458) – Remote

[stocate.com](https://stocate.com) **September 2021 – April 2022**

- Developed an interactive feedback program recruiting 76 users and collected over 200 pieces of unique feedback.
- Coded using full stack technologies such as React/Typescript, Material UI, React Router, Context API, React Query, React Native (Expo), ASP.NET REST API, Entity Framework (PostgreSQL), unit and integration tests with xUnit.net, and E2E tests with Cypress.
- Worked in an Agile team, participating in 2-week sprints, and creating and managing Jira tickets.

**Web Software Development Student at BlackBerry** – Remote

**May – August 2021**

- Developed Python scripts, Node.js scripts utilizing the SharePoint API, and SPFx web parts (React/Typescript) to migrate the legacy “BlackBerry Square” portal to a new SharePoint version, visited by thousands of employees.
- Designed an integration with the Cornerstone LMS and the Salesforce CRM, getting the status of employee learning assignments.
- Led bi-weekly standup meetings, efficiently distributing speaking time and eliciting updates about ongoing projects.

**Web Development Software Intern at Barco** – Remote

**July – November 2020**

- Designed & implemented the QR Code login feature for the Barco “Overture” A/V monitoring and control software application.
- Developed using full stack technologies and tools such as AngularJS, React, Typescript, Node.js, MongoDB, Docker, and Jenkins.
- Wrote and performed End-to-end automation test scripts using Robot Framework and the Postman API/Newman.
- Worked in an Agile team, participating in Scrum meetings and creating and managing Jira tickets.

## Engineering Projects

**React Native Mobile Application** (ECSE424)

[github.com/louismollick/Bottle](https://github.com/louismollick/Bottle) **September – December 2021**

- Conducted user research and UI usability tests to develop a mobile application to help fight social-media addiction.
- Coded using technologies such as Typescript/React Native, Expo, and NativeBase.

**Full-stack React/Java Spring Web Application** (ECSE428)

[louismollick.github.io/Mixer](https://louismollick.github.io/Mixer) **January – April 2021**

- As the technical lead in a team of 10 students, created a web application allowing users to be suggested Cocktails.
- Participated in Scrum meetings, grooming sessions, and planning sessions every 2-week sprint.
- Developed a full-stack web application using technologies such as Spring, Spring Data JPA (PostgreSQL), React (Material-UI), Travis CI and deployed to Heroku. Implemented an implicit flow OAuth 2.0 authentication system, using JWT tokens.
- Tested using the Behavior-driven Development Framework Cucumber, as well as unit testing with Jest and JUnit.

**Full-stack React/Node.js Web Application**

[notemptea.herokuapp.com](https://notemptea.herokuapp.com) **January 2020**

- Created a simple full-stack multiplayer web game, connecting multiple clients simultaneously.
- Developed using React, Phaser.io, Express, Node, Socket.io, MongoDB/Mongoose, and deployed to Heroku.
- Implemented a secure OAuth 2.0 flow, allowing login through Discord.

**Front-end Javascript Web Application**

[louismollick.github.io/MuhSeats](https://louismollick.github.io/MuhSeats) **January 2019**

- Developed a front-end web application allowing McGill students to be notified when a seat is available for their desired course.
- Used web-scraping to obtain the number of remaining seats from McGill’s schedule builder application (VSB).
- Designed a pleasant user experience using Bootstrap and localStorage.