# Louis Mollick

Front-end/Full-stack Web Developer
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## Education

**Bachelor of Software Engineering – GPA: 3.89 – Distinction** (top 25% GPA) **2018 – 2022**
*McGill University, Montreal, QC*

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

## Work Experience

**Technology Analyst at Morgan Stanley** – Montreal, QC **August 2022 – Present**

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

**Full Stack Software Developer Intern at Stocate** (ECSE458) – Remote ***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), .NET Core, Entity Framework (PostgreSQL), unit and integration tests with xUnit.net and E2E tests with Cypress.
- Working 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 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 tests 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*** **September – December 2021**

- As part of a Human-Computer Interaction course, developed a mobile application to help fight social-media addiction.
- Developed using technologies such as Typescript/React Native, Expo and NativeBase.

**Full-stack React/Java Spring Web Application** (ECSE428) ***louismollick.github.io/Mixer*** **January – April 2021**

- As the technical lead in a group of 10 students, created a web application allowing users to be suggested Cocktails.
- Participated in weekly Scrum meetings and 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*** **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*** **January 2019**

- Developed a front-end web application allowing McGill students to be notified when a seat is available for a 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.