

Louis Mollick

Front-end/Full-stack Web Developer

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

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

- Achieved a grade of A on all training program assessments thus far (Unix, C++, Java).

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.me/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 sprint (2 weeks).
- 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**

- Developed a simple full-stack multiplayer web game, connecting multiple clients simultaneously.
- Developed using React, Phaser.io in the front-end, and Express, Node and Socket.io in the back-end.
- Implemented a secure OAuth 2.0 flow, allowing login through Discord.
- Deployed server to Heroku and the database to MongoDB Atlas.

Front-end Javascript Web Application

louismollick.me/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.