Louis Mollick

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Overview

Second year undergraduate searching for a summer internship in order to develop work experience in software development.

Education

Bachelor of Software Engineering, Engineering Internship Program   **September 2018 – 2023 (expected)**
McGill University, Montreal, QC

Languages

English (native), French (native)

Technical Skills

Programming Languages: JavaScript, HTML, CSS, Java, C, Umple, SQL
Frameworks: Node.js, Socket.io, Bootstrap, Angular JS, Java Servlets
IDE : VSCode, Eclipse, MIT App Inventor 2, Arduino
Publishing Software : Microsoft Office, iMovie, Adobe Photoshop, Wordpress

Engineering Projects

You're Not Emp-Tea : Online Puzzle game (JavaScript, Socket.io, Phaser.io, Node.js, React.js, MongoDB)   **January 2020**
- Designed a multiplayer social puzzle game, allowing people to create new online friendships through gameplay
- Implemented a secure OAuth flow, allowing login through Discord
- Coded a Full-Stack web application using modern technologies
- Deployed server to Heroku and the database to MongoDB Atlas, visit at : notemptea.herokuapp.com

MuhSeats (Javascript, Bootstrap, HTML5)   **January 2019**
- Made a static 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. Visit at ruiisuuu.github.io/MuhSeats

Chess Web Application (JavaScript, p5.js)   **July 2018**
- Designed a dynamic online Chess web application connecting two web clients
- Coded in JavaScript in the p5.js framework, using Object Oriented Programming principles
- Deployed to the cloud platform Heroku, visit at : shogii.herokuapp.com

Work Experience

Freelance Wordpress Website Deployment for Businesses (DigitalAlpinist.com, Agrico.it, Wondare-Conception.com)   Winter 2019
- Designed multiple Wordpress websites using premium themes, according to client's vision
- Managed deployment on hosting services such as BlueHost, completed domain name and hosting transfers

Assisted at Children's Summer Sports Camp for Local Tennis club   **July 2017, July 2018**
Hégenheim, Alsace, France
- Taught tennis technique to young children ages 5-12
- Responsibly supervised a large group of children during multiple week-long sports camps