

JUSTIN LI

WEB DEVELOPER

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Github:

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Portfolio:

<https://jli0423.github.io>

EDUCATION

B.A.Sc., Computer Engineering
University of Waterloo 2016 - 2022

LANGUAGES

- Java
- JavaScript
- HTML
- CSS
- C++

TOOLS & TECHNOLOGIES

- Node.js
- Express.js
- React.js
- Sass/Scss
- Git
- Heroku
- Bash
- jQuery
- MongoDB
- Postman
- Bootstrap
- Chrome Debugger
- Selenium

EXPERIENCE

BUNJEE

Software Developer

May 2017 – September 2017

- Scraped and parsed large amounts of data using Jsoup for events across Ontario
- Used Express.js as the backend framework to display events on Google Maps
- Added event storing forms for web client utilizing jQuery for data capture
- Created testing databases using MongoDB to store information for the web-scraped events

PROJECTS

PROCESS AUTOMATION – STUDENT CERTIFICATION

- Designed Java application to automate student certifications for driving school
- Created a database using MongoDB to store student's driving information
- Hooked up endpoints using Express.js to efficiently access databases' endpoints
- Implemented online forms using HTML/CSS to allow students to self-submit data
- Utilized Selenium Webdrivers to automate the student certification process using student submitted data entries retrieved from database
- Managed development and deployment branches using git's source control
- Conducted usability tests with individual instructors to develop the most optimal GUI possible using Java Swing

CANADIAN DRIVING ACADEMY – HOME

- Designed and developed driving school's website using Bootstrap and jQuery
- Arranged source code layout to be fully modular through the EJS view engine
- Added user authentication utilizing NPM's Passport for secure website modifications without modifying source code
- Integrated location display using Google Maps API for convenient accessibility
- Implemented Q&A section with MongoDB for student-instructor questionnaires
- Developed various movement and zoom animations using jQuery

GITHUB.IO – PERSONAL PORTFOLIO

- Developed a personal portfolio utilizing CSS's extension language Sass and a self-established CSS grid system
- Incorporated material design styling using Sass's preprocessing capabilities
- Conducted numerous screen tests using Google's Chrome Debugger for responsiveness and custom size stylings
- Added media queries for a responsive and mobile-friendly website
- Implemented various transitions and animations using concepts of pseudo classes and elements to improve styling

TEXT ME MAYBE

- Developed a real-time chat room utilizing Express.js as the backend framework
- Hooked up endpoints between user and server channels using Socket.io
- Conducted backend testing using NPM's Jest (Expect) dependency to ensure all channels are connected and working properly
- Implemented geolocation functionality by sending browser's current coordinates and parsing it through the geolocation API
- Rendered all necessary data through a templating system (Mustache.js) and then sent to the webpage using jQuery