JUSTIN LI

WEB DEVELOPER

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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 access data inside database
- Utilized Selenium Webdrivers to automate the student certification process
- Managed develop and production branches separately using git 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
- Added user authentication utilizing NPM's Passport for secure modifications
- Implemented Q&A section with MongoDB for student-instructor questionnaires
- Arranged source code layout to be fully modular through the EJS view engine
- Developed various movement and zoom animations using jQuery

GITHUB.IO – PERSONAL PORTFOLIO

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

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
- Parsed all necessary data through Mustache.js and rendered using jQuery
- Implemented geolocation functionality by sending browser's current coordinates and parsing it using the geolocation API
- Conducted backend testing using NPM's Jest (Expect) to ensure all channels are connected and working properly