

Reginald Wong

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Education

Full Stack Open

2021 - Present

Modern Web Application Development Course

- **Coursework:** Fundamentals of Web Apps, Introduction to React, Communicating with Servers, Programming a Server with Node.js and Express, State Management with Redux, GraphQL, TypeScript, CI/CD, Using Relational Databases

FreeCodeCamp

2020 - 2021

JavaScript Algorithms and Data Structures Certification

- **Coursework:** Basic JavaScript, ES6, Regular Expressions, Debugging, Basic Data Structures, Basic Algorithm Scripting, Object Oriented Programming, Functional Programming, Intermediate Algorithm Scripting

Ryerson University

2013 - 2018

Bachelor of Commerce, Hospitality and Tourism Management

Toronto, Ontario

Projects

Camprr | MongoDB, Mongoose, Node.js, Express, EJS, Bootstrap, Heroku

- Architected and deployed an interactive campground review webapp using Bootstrap to generate front-end user interfaces
- Designed and implemented a RESTful backend API with Node and Express to retrieve and persistently store 200+ unique user submitted payloads in an asynchronous MongoDB database using Mongoose
- Leveraged cryptographic functions and salts to hash sensitive consumer data and add user authentication and authorization

uShare | MongoDB, Mongoose, Node.js, Express, EJS, TailwindCSS, Heroku

- Developed a full stack data transfer application streamlining the time and resources allocated to transmit data between devices
- Architected and integrated password protection functionality to allow users optional encryption for their uploads to the server

TaskTrack | MongoDB, Mongoose, Express, React, Node.js, Bootstrap, Apollo, GraphQL, Heroku

- Built full stack project management software for users to record projects and visualize clients associated with assigned projects
- Integrated a GraphQL API for users to add, modify, and delete clients and projects in a persistent non-relational database

JS-808 | JavaScript, HTML, CSS, GitHub Pages

- Engineered an interactive drum machine to play samples based on the Roland TR-808 using event listeners to trigger samples
- Developed functionality to let users create rhythms from 9 drum samples ranging from kick drums and hi-hats to cowbells

Work Experience

MBA Basketball League | Freelance Frontend Developer

September 2021 – Present

- Remodeled, developed, and maintained clients' recreational basketball league website utilizing HTML, CSS, and JavaScript
- Analyzed product requirements in order to draft a prototype and made revisions in compliance with stakeholder feedback
- Oversaw weekly meetings with clients to review deliverables and conduct retrospectives on the overall product backlog

Skills

- **Programming Languages:** JavaScript (ES6+), TypeScript, HTML, CSS/SASS
- **Frameworks/Libraries:** React.js, Redux, Next.js, Node.js, Express, Bootstrap, Styled Components, TailwindCSS
- **Other:** MongoDB, Mongoose, Git, GitHub, Agile (Scrum), Netlify, Heroku, Figma, Postman