Brandon Ngo

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Technical Skills

Languages: JavaScript (ES6), HTML/CSS, C, Java, Python, MySQL, Racket
Frameworks: React.js, Redux, React Router, Bootstrap, Node.js, Express.js, Spring Boot
Tools: Git, Linux, Google Cloud, Visual Studio Code, Adobe Creative Cloud, MS Office
Relevant Skills: Object Oriented Programming, Functional Programming, Data Structures, Algorithm Design & Analysis

Experience

Estate Captures   April 2021 – Present

- Developed a landing page for a real estate photography business which resulted in a 160% increase in page incoming traffic
- Converted a google site design to a highly maintainable React website
- Hosted and deployed website using Firebase and Google domains
- Running maintenance and adding new features as requested

Projects

interAction | React.js, Redux, Socket.io, WebRTC, HTML/CSS, Firebase, JavaScript

- Submitted to cuHacking 2021 and won Ciena's Inclusivity Award
- Chat app designed to relieve the stress caused by the COVID-19 pandemic
- Used Socket.io to implement voice and text communication features
- Leveraged Firebase, React, and Redux to create a CRUD web chat app

Cryptocurrency Ticker | React.js, RESTful APIs, Bootstrap, JavaScript

- Developed with React.js to keep track of cryptocurrency exchange prices
- Use of React Hooks to provide real-time updates of CAD/USD prices
- Keeps track of personal investments using wallet API integrations

Course Buddy | React.js, Bootstrap/Material UI, Firebase, CSS, JavaScript

- A course planner for uWaterloo students to plan their degree requirements
- Implemented a drag and drop interface using React components
- Used Firebase to implement a login system and sync user data
- Designed frontend using Bootstrap/Material UI components and CSS

Emotive Text | React.js, Express, Node.js, Firebase, Google Cloud APIs, CSS, JavaScript

- Full stack chat app that uses Google Cloud APIs to add styling to messages
- Used Node.js, Express, and Firebase to store API calls and display on frontend
- Uses camera input to determine emotions which corresponds to different colors

Education

University of Waterloo   Sep 2020 – Present
Bachelor of Computer Science