Tirman Sidhu

🌐 Tirman.herokuapp.com   📞 (647)864-0648   ✉ t5sidhu@uwaterloo.ca

I love to create elegant and immersive user experiences. I am an engineer, a developer and an artist who will always be hungry for knowledge.

Technical Summary

WEB DEVELOPMENT	HTML 5, CSS/SASS/SCSS/PostCSS, Bootstrap, JSON, Webpack, Javascript, jQuery, Angular 2, Node JS, Express JS, React JS, ES6(Babel)
OTHER LANGUAGES	C/C++, Java (Android Development), Python, MatLab, ARM
DATABASES	MySQL, MongoDB
VERSION CONTROL	Git, Subversion
DESIGN	Photoshop, Illustrator

Recent Experience

Web Developer
Climax Media
Toronto, ON
Sep-Dec, 2016

- Worked in an Agile, 2 week sprints environment for large scale projects
- Developed the front-end and UX of Acura.ca using HTML5, PostCSS, React JS
- Created Honda Power Equipment with HTML5, PostCSS and React JS from scratch
- Added requirements to Honda.ca as specified by Honda using HTML5, SASS, JQuery
- Created a responsive dealer locator page for atvsxs.honda.ca using HTML5 and SASS

Tech. Specialist
Canadian Tire
Toronto, ON
Jan-April, 2016

- Prioritized and managed projects and tasks depending on priority and scale
- Resolved over 500 software and hardware issues with efficiency and quality
- Received multiple recognition emails from executives for extraordinary work
- Developed professional communication skills by consistently working with executives

Projects

React JS App

- Single Page Application created from scratch using React JS, PostCSS, WebPack, React-Router and NPM
- Utilizes the best practises for React.js and written in ES6 via Babel
- Uses PostCSS's CSSNext and Auto Prefixer plugins to write CSS that is compatible with all browsers

GPS App

- An app that helps a user travel the fastest route on a map and display
- Uses a finite state machine to calculate the user's steps on a map
- Written in Java in Android Studio using best practises and Object Oriented Programming

Task List

- Built Using the Meant Stack: MongoDB, Express, Angular 2, Node.js
- Front-End is created via Angular 2 components & Bootstrap CSS managed through Bower
- Stores tasks and their status in a sandbox environment(mLab) using MongoDB and Node

Education

BASc Electrical Engineering
University of Waterloo
Graduating Class of 2020

Received President's Scholarship of Distinction in 2011

Relevant Courses: Fundamentals of Programming, Engineering Design with Embedded Systems, Data Structures and Algorithms, Digital Computers