SINTHOORAN RAVINATHAN

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Portfolio: https://sinthooranr.github.io/SinthooranR-react/

EDUCATION

UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY, OSHAWA, ON

Bachelor of Science, Computer Science (Honours)   Graduated May 2020

SKILLS

Languages:	C++, Python, **Java**, **JavaScript**, **HTML**
Frontend:	**React**, **CSS Modules**, **Material-UI**, **React Hooks**, Redux, Vue.js, Vuetify, Bootstrap, Bulma CSS, JQuery, D3.js
Backend:	Node.js, Express, MongoDB, Mongoose, SQLite, SQL Databases, AJAX protocols, Axios
Software:	**Node Package Manager (npm)**, **Git**, **Visual Studio Code**, **IntelliJ**, Android Studio, Postgres, Tableau, Gradle

WORK EXPERIENCE

Setup Member at Angus Glen Golf Club   May 2018 to September 2018
- Arranged banquet hall based off floor plans and Banquet Event Orders given by event organizer
- Communicated with event managers and co-workers to make changes that would improve events
- Adapted to work with co-workers and improved use of communication to create a positive work environment

Warehouse Inventory at Omega Moulding Canada   May 2017 to September 2017
- Gathered shipped materials and placed them in their respective location in warehouse and updated the inventory
- Communicated with team to ensure packaged deliveries were shipped to proper addresses and has all the correct shipment information
- Monitored inventory occasionally to see if any moldings are low in stock and updated the system with remaining stock

PROJECTS

Weather App Project   December 2018

Mobile Development (Android Studio, SQLite Databases, Gradle, OpenWeatherMap API)
- Applied Agile principles to this project and tests were done to each change to ensure the application was fully functional
- Implemented database using SQLite in Android Studio which had records of cities supported from the free OpenWeatherMap API
- Implemented UI to appeal and display functionality done in the backend of the application

Portfolio Website

Current Portfolio (React, React Material-UI, JavaScript, CSS Modules, NPM)   August 2020
- Was bootstrapped using Create-React-App 2.0
- Used both presentation and reusable components, and used "props" for some data binding
- Added React Material-UI and Particle background packages using Node Package Manager
- Deployed through Create-React-App GitHub pages with some changes in the "package.json"

Repository Viewing   March 2020

A GitHub Repository Viewing Web Application (HTML, CSS, JavaScript, D3.js)
- Has both a tree map and Sunburst visualizations created through D3.js
- Both data visualizations are linked as you hover over the tree structure nodes
- Data of the repository changes made are displayed as you hover over the either visualization's nodes
- Parsed a json file structure of a repository used in this specific project

Notifier

A Notification Web Application (Vue.js, Vuetify, JavaScript)   April 2020
- Worked with team to distinguish roles for Frontend and Backend development
- Applied Vue concepts to build the frontend and used state management to dynamically pass data throughout the application.
- Created various components with the team to display a drawer and setup a dynamic notification component.
- Implemented components from the Vuetify material design framework, and some standard CSS to polish the web application
- Used Backend calls to render the data dynamically using state management and the reusable Notification component.

AWARDS

- Ontario Scholar   2016
- Honour Roll at Bur Oak Secondary School   2012-2016