

## SINTHOORAN RAVINATHAN

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### EDUCATION:

#### UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY, OSHAWA, ON

Bachelor of Science, Computer Science

September 2016 to May 2020

#### BUR OAK SECONDARY SCHOOL, MARKHAM, ON

Ontario Secondary School Diploma

### KEY SKILLS:

#### TECHNICAL/ACADEMIC

- Knowledge on algorithms used in different programming languages learned throughout post-secondary computer science courses
- Programmed in Java, C++, Python, HTML, CSS, Javascript, NodeJS
- Used CSS frameworks such as Bulma CSS
- Used Web development frameworks such as VueJS and React with beginner knowledge
- Beginner knowledge in SQL Database, MongoDB, and JUnit tests
- Proficient in Microsoft Office: Word, PowerPoint, Visio, Excel
- Comfortable with Windows, Mac OS, and Linux operating systems
- Knowledgeable in programming concepts, such as Object-oriented programming and AJAX protocols

#### INTERPERSONAL

- Communication skills gained throughout many speech opportunities and presentations over the course of several years in group projects and presentations, previous work experiences
- Teamwork skills developed through participation in group projects and volunteering experiences
- Time Management capability gained throughout meeting many deadlines in course projects and learning to prioritize proper deadline without interference

### EXPERIENCE:

#### Setup Member at Angus Glen Golf Club

May 2018 to September 2018

- Arranged banquet hall seating based off floor plans and Banquet Event Orders given by event organizer
- Communicated with event managers and co-workers to make changes that would effectively benefit them
- Built relationships with co-workers by being a part of the team and making use of communication to create a positive work environment

#### Warehouse Inventory at Omega Moulding Canada

May 2017 to September 2017

- Gathered new materials from delivered packages and placed them in the correct locations in the warehouse and updated the system with the new inventory
- Communicated with team to make sure packaged deliveries were shipped to the proper location and have all the correct shipment information
- Monitored inventory occasionally to see if types of moldings are low in stock and updated the system with remaining stock

#### Volunteer at Salvation Army Thrift Store

August 2015

- Collaborated with employees to place items and fix issues within the store, improving the experience for staff and customers
- Adapted to learn required skills and followed instructions to complete tasks, which allowed the store to operate smoothly
- Understood store layout and merchandise being sold on shelves to improve efficiency of managing inventory

### PROJECTS:

#### Ticket Service Project

April 2019

Software Quality Assurance

- Individually added test cases for certain transactions, and constructed a UML diagram showing the groups plan for completing the front end
- Implemented File I/O code and transaction methods in C++ to check if users in the program exist in the system and if their transactions have been processed in the front-end

- Implemented backend to update the system with transactions made in the front-end using Java
- Tested backend using JUnit to observe if program runs properly with created JUnit tests using Black box and White box testing methods

### **Weather App Project**

December 2018

#### Mobile Development

- Worked in a team effectively and evenly distributed the responsibilities
- Applied Agile principles to this project and tests were done to each change to ensure the application was fully functionally
- Implemented the database using SQLite Database in Android Studio which had records of cities supported from OpenWeatherMap API
- Implemented the UI to appeal and display functionality done in the backend of the application

### **Personal Website**

January 2020

#### Personal Project

- Used HTML for the overall content on the website
- Applied CSS for the grid system layouts, the navigation bar, and the fixed sizes of the images used in the website
- Implemented a toggle navigation bar when clicking a navigation item using JavaScript
- Implemented smooth scrolling and enables the user to return the navigation bar when clicking any key using JavaScript

### **AWARDS:**

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