Allan Cheng

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TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML5, CSS3, Java, SQL, Node.JS, PHP
Tools/Frameworks: Git, JIRA, Bootstrap, Selenium, Express.JS, RESTful APIs, HP Application Lifecycle Management, SharePoint, Visual Studio Code, Microsoft Office
Database: Oracle SQL, MongoDB

EXPERIENCE

Application Programmer Analyst May 2019 – August 2020
Ontario Ministry of Education *Toronto, ON*

- Developed automated test cases with Selenium WebDriver for multiple different modules and projects
- Modified test data using SQL queries to facilitate execution of test cases
- Worked closely with developers and business analyst to resolve the issues found during testing
- Identified and tracked defects found using HP Application Lifecycle Management platform and JIRA
- Collaborated with business analysts to create and update test cases and scenarios based on business requirements and rules

Crew Worker October 2011 – May 2016
McDonald *Toronto, ON*

- Responsibilities include cooking and assembling food, stocking their frozen products, and working as a front cashier
- Displayed effective teamwork and communication in a fast-paced environment
- Demonstrated excellent punctuality by working the opening shifts from 4am - 12pm

EDUCATION

Ryerson University Toronto, ON
Honours Bachelor of Science in Computer Science *Sept. 2016 – May 2021*

- Relevant Courses include: Databases, Communications, Web Development, Software Tools for Startups, Data Structures, Algorithms
- Completed Co-op program

PROJECTS

Weather Application | HTML/CSS · Node.JS/Express.JS · EJS GitHub Repo

- Developed a Weather Application that allow users to find weather information of any city
- User inputs the city name via post requests and the server translates the city name into geographical coordinates using OpenWeatherMap's Geocode API
- The server then fetches weather data from OpenWeatherMap's weather API and returns the weather information in JSON data
- The JSON data gets parsed and is populated as HTML using EJS. The back end is developed using Node.JS and Express.JS

To Do List | HTML/CSS · Node.JS/Express.JS · MongoDB GitHub Repo

- Engineered a simple to do list using Node.js and Express.JS. EJS is used to generate HTML markup and the server is hosted using Heroku
- The user is able to add and remove items on the web application and the data is persisted using post requests to a mongoDB database hosted using mongoDB Atlas

RELEVANT INTERESTS

- Taking relevant online courses to learn new technical skills and practicing coding challenges online