Robert Royce Taylor

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PROJECTS

SpotOn   **Browser Game**

HTML | CSS | JavaScript

A browser application, built to help improve hand-eye coordination with a mouse or touch screen.

- Implemented randomization by using built-in functions to calculate both height and width while combining DOM manipulation and concatenation allowing for the clickable target to move to a new location within the playable area.

- Utilized JavaScript methods to return the dimensions of the user's screen, allowing for a dynamically scaling play area to accommodate various screen sizes while also establishing a buffer, calculated via the pixel size of the target, to avoid collision with the borders of the playable area.

Numbers Project   **Web App**

HTML | CSS | JavaScript

A browser application consisting of a clock, counter, stopwatch, timer, and metronome.

- Incorporated interval methods to create the necessary delay needed to keep track of time within the applications while alleviating any desynchronization that may occur while running the application for extended periods of time by calling the clearInterval() method to prevent memory leaks.

- Explored multiple mathematical calculations for time such as how to address the turn over of 61 seconds into 1 minute and 1 second along with how to convert and subdivide seconds into beats per minute for the metronome by taking the set value of 60,000, dividing it by the current beats per minute, then using that answer as the interval time parameter in the setInterval() method to produce the desired beats per minute.

To-Do List   **Console App**

C#

An application written in C# that allows a user to add, delete, and mark off tasks on a list that will be saved for further use.

- Implemented fail safes within the application to avoid errors, by parsing the user's input, allowing the user to switch modes easily, save the file, and disabling duplicate line items to streamline the user experience.

- Formulated an approach to saving user files by storing the user's inputs within a List data structure that when saved, will write all the lines of the List into a text file and store that file locally. When the application is re-opened, that text file is read and added to the List data structure for use by the user.

SKILLS

Languages: HTML | CSS | JavaScript | C#

Tools: Visual Studio Code | Visual Studio | Microsoft Office | GitHub

Frameworks: jQuery | Bootstrap

Backend Runtimes: Node.js | Express

WORK EXPERIENCE

Crawford Metal   **Toronto, ON**
Junior Buyer   *October 2019 - June 2020*

- Sourced over 500 SKU's with varying supply and demand while forecasting inventory levels to ensure overstock and understock did not occur while maximizing company profits.

- Corresponded with multiple suppliers to coordinate production runs for custom orders by gathering and consolidating manufacturer quotes to assist the sales team with customer orders.

- Audited purchase order confirmations and delivery manifests to catch and correct errors with our suppliers through verifying all orders before they are processed in our system by using original purchase orders to backup claims as required.

Penguin Pickup   **Toronto, ON**
Customer Service Associate   *August 2017 - October 2019*

- Overhauled Excel spreadsheets within the company to assist with inventory management and customer delivery scheduling that increased employee efficiency by automating repetitive tasks.

- Trained remote teams in British Columbia by creating process and procedure documentation that helped assist in the growth and expansion of the company nationally.

- Earned the Employee of the Month Award for April 2019.

EDUCATION

Seneca College   **Toronto, ON**
Advanced Diploma
Business Administration - Purchasing and Supply Chain Management   *June 2019*
- Graduated with Honours (3.6 GPA)

INTERESTS & HOBBIES

Playing guitar, Powerlifting, Playing Video Games, Learning Programming, Cooking