

## **OBJECTIVE**

Seeking a full time job as an entry or junior level web developer using skills in JavaScript, CSS, HTML, available January 2023.

## **EDUCATION**

**Rochester Institute of Technology (RIT)**, Rochester, NY

*Bachelor of Science Game Design & Development, Web Development Minor*

Related Courses: Client Programming, Server Programming (JS, HTML, CSS, APIs, JQuery, Node.js), Interface Design (Accessibility, Prototyping), Data Structures and Algorithms (C++, data structures, design patterns)

## **SKILLS**

Languages: Java, C#, HTML, CSS, JavaScript ES6/ES5, PHP, SQL

APIs and Frameworks: Vue.js, JQuery, Firebase, PixiJS, Canvas, WebAudio, React, Express, Node.JS

Other: Git, CircleCI, Ajax, MongoDB

## **EMPLOYMENT**

**Co-op: Retail Business Services**

JavaScript, ServiceNow, Agile

*IT Service Management Co-op*

*6 months*

Optimized and Constructed conversations for RBS's ServiceNow Virtual Chatbot, AVA.

- Designed and implemented a Ticket Escalation conversation for AVA to reduce unnecessary calls to the help desk
- Redesigned the chatbot button icon to be more inviting and noticeable to drive users to use it instead of calling the help desk

## **PROJECTS**

**Homework Todo List**

Vue.JS, Firebase, DnD 5e API, JS, HTML, CSS

*Solo project*

*3 weeks*

- Used Vue.js to store and easily update homework items.
- Integrated Firebase Realtime Database and Firebase Authentication to allow users to log in securely using their Google account and save their to-do list.
- Motivated users by equating the completion of a homework with "attacking" a DnD 5e Monster, and rewarding the users with the monster's drops when it dies.

**Plant World Generator**

Canvas API, JS, HTML, CSS

*Solo project*

*2 weeks*

- Researched and implemented phyllotaxis equations to generate flowers and trees in a Canvas API canvas.
- Allowed users to directly adjust phyllotaxis variables with HTML input tags to create their own plants.
- Generated a dynamic background of the user's generated flowers on separate canvas.

**Witchy Audio**

WebAudio API, JS, HTML, CSS

*Solo project*

*3 weeks*

- Analyzed music using WebAudio to create a spooky yet calm visualizer.
- Allowed users to apply different audio effects to the music using WebAudio.
- Wrote visual filtering algorithms such as color filtering, emboss, and inversion, and allowed users to apply those filters to the visualizer.

**Disney Tsum Tsum Searcher**

Vue.JS, JS, HTML, CSS

*Solo project*

*3 weeks*

- Connected to the MediaWiki API in order to get and display every Tsum Tsum on the Disney Tsum Tsum Fandom Wiki.
- Used Vue.js to let users quickly filter Tsums by multiple mission tags to let them complete missions at the same time.
- Designed the UI to mimic the design of the Disney Tsum Tsum App.