

## **SUMMARY**

A software developer with 7+ years in delivering expert customer service. Passionate about games, the stories that they can tell, the challenges that are overcome, and the worlds they build. A developer that focuses on the experience that a user will have when using the application.

## **TECHNICAL SKILLS**

Languages: Azure Devops, C#, Javascript, HTML5, CSS3, Python, PHP, Node, Unity Frameworks: React, Bootstrap, Ajax

Databases: MongoDB, SQL Version Control Systems: Git, GitHub, SourceTree, BitBucket

#### **TECHNICAL PROJECTS**

React Messaging- A realtime web chat application - Full Stack

**Github Demo** 

A realtime web chat application that allows users to congregate with like minded individuals.

- Utilizing socket.io to create a realtime messaging application between clients that are part of the same communities.
- Leveraging the speed and scalability of MongoDB to store and distribute users, servers, channels, and messages.

## Baby Birding - A Tweet Predictor - Full Stack

**Deployed Link | Github Demo** 

An online service that takes a twitter handle and generates a tweet based off of their last 100 tweets.

- Increased User engagement with users by creating a method that allows the user to synthesize tweets together to create a new tweet based off of what the Markov Chain was fed.
- Researching the Twitter API to find endpoints that we can employ to generate tweet data for the Markov Chain.
- Implementing and Updating the TwitterSharp library with the Twitter API endpoints to fetch up to 100 tweets per call.

## Yu-Gi-Oh - Master Duel Online Deck Builde r- Full Stack

**Github Demo** 

An online deck building service that allows users to construct Duel Monster Decks

- Iterating through the Software Development Lifecycle process using Flask, Python, SQL successfully delivered functional MVP to deploy via AWS.
- Integrates the Yu Gl Oh ProDeck API to a local Database and improving user experience and site responsiveness by integrated API endpoints with AJAX to populate pages dynamically
- Leveraging Amazon ES2 Servers to quickly scale up and down servers to match traffic on and off peak hours

# Endora's Box - *UI Developer*

**Deployed Link** 

A surreal adventure game that takes the player through the chaotic realm of Endora

- Improved user engagement by integrated a *settings menu* so that the user can easily adjust audio and display within the application
- Optimized consistency of settings be leveraging Data Persistence to enable seamless experience between user sessions

#### Nebulous - A Virtual Relaxation Experience - Developer

**Documentation | Video Demo** 

A virtual reality relaxation experience

- Creating intuitive activities where 80% of users interacted with the world without being prompted by the developers.
- Providing instantaneous feedback to the user when interacting with the activity making.
- Assisted 78% of participants lower their heart rate to a near resting and relaxed state.

## PROFESSIONAL EXPERIENCE

343 Industries - Quality Assurance Test Associate II

2018-2019 | Bothell

- Achieved a 60% bug resolution within a year, leveraged strong testing skills to generate a rapid-response rate of one
  hour to report issues, consistently being the leader in bug hunting and regression which enabled the design team to
  meet quality criterias on release dates.
- Ensured end-to-end quality by managing the initial assessment of updated versions prior to and after integration into existing platforms.
- Performed manual visual testing and automated navigational tests and reviewed final product from development and UI/UX teams to ensure quality of service is met.
- Performing Network tests under simulated high latency, leading the tests with remote personnel to guarantee game stability across long distances

## **EDUCATION**

Full Stack Developer Certificate | Coding Dojo

2021-2022 | Bellevue

Full Stack Web Development (Python, MERN), 24 wks, coding, testing, pair programing, algorithms

FreeCodeCamp | Front End Development

2018-2020

• Certifications in Quality Assurance, Data visualization, and Front End Libraries using jQuery and React

B.A., Interactive Media Design - University of Washington

2013-2017 | Bothell