

# Anthony Do

Full Stack Developer

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## 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:** C#, Javascript, HTML5, CSS3, Python, PHP, Node **Frameworks:** React, Bootstrap, Ajax, Unity

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

## TECHNICAL PROJECTS

### 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.

### 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 by leveraging Data Persistence to enable seamless experience between user sessions

### React Messaging- A realtime web chat application - Full Stack

[Github Demo](#)

*A realtime web chat application that allows users to congregare 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.

### Yu-Gi-Oh - Master Duel Online Deck Builder- 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 Gi 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

### 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