

Tyler Chen

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Career Objective

A hardworking person from University at Buffalo, who set their sights on becoming a professional programmer. Learned and experimented with Python, JavaScript, React, Scala and C. Aiming to expand my knowledge of different concepts, programming languages, and complex programs.

Projects Experience

Doggos

[Website](#) [Github](#)

An Interactive online social media platform inspired by Instagram/Tinder; built with Node.js, PostgreSQL, HTML5, CSS3, ExpressJS/PHP and Bootstrap.

- Implemented simple login and registration features which asks the user for credentials to the website
- Included the ability to edit profile picture and respective information regarding the user.
- Utilized Bootstrap so that the website is responsive and friendly to mobile and PC users alike.
- Incorporated the explore feature where you can explore potential matches and accept them, adding them to your list of matches.

Bullet RPG

[Website](#) [Github](#)

A 2D online RPG game where you play as a character, shoot various enemies and buy weapons and consumables to help aid your character. Built with javascript, Phaser.js, HTML5 and CSS3.

- Included physics where the sprites have different velocities and used object-oriented programming.
- Implemented collision detection where an event handler would be called when sprites collide.
- Discovered fun ideas and ways to program monster movement and abilities.

Work Experience

GRAND STREET SETTLEMENT, NY

July 6, 2018 - August 17, 2018

- Supervised and managed a group of students as the program advisors took them on trips.
- Assisted the program staff in order to help set up events and activities for students.
- Participated in group activities and interacted with students to make them feel more comfortable and inclusive.

SYEP SUMMER BRIDGE PROGRAM 2020, NY

July 24, 2020 - August 26, 2020

- Investigated different ways to implement diversity and inclusion in the workplace as a group.
- Presented our ideas and topics to the representatives of Deutsche Bank.
- Explored different career options and resolved workplace challenges that workers may face in the workplace.

Education

UNIVERSITY AT BUFFALO, BUFFALO, NY 14261

August, 2018 - May, 2022

- **Relevant courses:** Project Management, Data Structures & Algorithms, Object-Oriented Programming, Functional Programming, Discrete Structures, Systems Programming

Skills

Frontend Languages: HTML5, CSS3, PHP

General Programming Languages: Python, Javascript, Node.js, React.js, Express.js, Java, Scala, C, ARM ASM

Backend Languages: PostgreSQL, MySQL

Others: Github, Heroku, Docker