

# Tyler Chen

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[Website/Portfolio](#)

[LinkedIn](#)

[Github](#)

## Skills

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**Frontend Languages:** HTML5, CSS3, PHP, Sass

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

**Backend Languages:** PostgreSQL, MySQL, MongoDB

**Others:** Github, Heroku, Docker

## Projects

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### 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.
- Utilized inheritance and polymorphism in object-oriented programming in order to reduce the use of duplicate code and overwrite methodologies of the parent class.

### Scheduler App

[Website](#)

[Github](#)

*A website where you are able to keep track of things you need to do. Made with React, React-router-dom, Sass, HTML5, CSS3, ExpressJS, Axios and MongoDB*

- Implemented user authentication and registration, and logout functionality.
- Included the ability to delete tasks, mark them as complete, and incomplete, and editing.
- Added password hashing and deletion of password in the user schema object for security.

## Work Experience

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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, 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 face in the workplace.

## Education

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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