

# Steven Yee

P. 917-929-5514

[s.yee615@gmail.com](mailto:s.yee615@gmail.com)

[LinkedIn](#)

[GitHub](#)

New York, NY

## PROJECTS

**Conflict** (React/Redux, Ruby on Rails, PostgreSQL, HTML5, CSS3)

[Live Site](#) | [GitHub](#)

*Conflict is a pixel-perfect full stack clone of the popular chat app Discord*

- Developed single-page app making full use of React/Redux and optimizing React Router to allow for swift navigation.
- Incorporated Websockets using Ruby on Rails ActionCable and Redis to bring live messaging for multiple users.
- Created custom SQL queries to decrease AJAX requests and allow for optimal performance.
- Outlined a RESTful API using Ruby on Rails to allow for multiple CRUD operations.
- Made use of PostgreSQL to allow for hundreds of servers, channels, and messages to be created.

**Where to Feast** (MongoDB, Express.js, React/Redux, Node.js, HTML5, CSS3)

[Live Site](#) | [Github](#)

*A helpful website for friends to chat and decide where to eat based on their location*

- Worked in a group of 4 and worked closely with the project leader for project design and maintained an efficient Git Workflow by having daily meetings and maintaining good communication.
- Integrated Google Maps API to automatically show users nearby restaurants with a single button click.
- Incorporated websockets using Socket.io to allow for multiple rooms where users can join a session to chat and pick a place to eat.
- Made use of MongoDB for users to be able to create profiles and enforce user authentication.

**Algo-Animator** (Vanilla JS, Canvas.js, HTML5, CSS3)

[Live Site](#) | [Github](#)

*A fun and interactive way to visualize pathfinding algorithms!*

- Built a website that simulates the differences between pathfinding algorithms.
- Implemented Dijkstra's algorithm, Breadth-First Search and Depth-First Search using Queues, stacks, and adjacent node lists that showcase the behavior of different algorithms.
- Designed an elegant and seamless user interface using HTML5 and reusable CSS3.

## EXPERIENCE

**Mobile Developer**

*AlexaPath, May 2017 - Dec 2017*

- Made use of Android Studio to integrate web apps onto Android Platform.
- Worked closely with the CEO and constructed the main architecture for the Android App.
- Made use of Qualcomm's DragonBoard 410c to be able to efficiently operate in harmony with web-app, increasing productivity up by 50%.
- Integrated Google's GPIOs to be able to incorporate embedded software features into Android Phones.

**Volunteer Associate**

*New York Cares, August 2015 - May 2016*

- Assisted and headed orientation events for 1000+ volunteers.
- Coordinated and led 50+ volunteer projects that focused on helping feed hungry homeless and assisting senior citizens.
- Recorded volunteer feedback from hundreds of volunteers to improve upon existing volunteer activities and improve overall volunteer satisfaction by 65%.
- Supported technical team in overall website design and debugging.

## SKILLS

React.js, Ruby on Rails, JavaScript, Node.js, jQuery, Ruby, Redux, Java, MongoDB, Express, SQL, Git, HTML5, CSS3

## EDUCATION

**App Academy** - Immersive software development course with focus on full stack web development and a <3% acceptance rate

- 1000+ hours of coding (Spring 2020)

**New York City College of Technology** - BS - Computer Information Systems GPA - 3.6 (Spring 2018)