

# Ricky Zheng

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Brooklyn, NY

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

## SKILLS

JavaScript, React, Redux, HTML, CSS, SCSS, Ruby, Ruby on Rails, Python, Canvas, AJAX, Node.js, Object-Oriented Programming, Mongoose, MongoDB, Express.js, SQL, SQLite3, PostgreSQL, Babel, GraphQL, Webpack, Bootstrap, jQuery, Git, Heroku

## PROJECTS

**GroupRide** | (MongoDB, ExpressJS, React, NodeJS, Webpack, GIMP)

[live site](#) | [github](#)

- Originated a team workflow to create a full stack platform for using to form biking events and trips by using Git best practices to avoid merge conflicts and maximize productivity.
- Illustrated modals with pop out function using React and utilized Redux to manage state data for current API management during testing process.
- Integrated Google Maps and Geolocation API to produce locally mapped routes for biking events.
- Incorporated ExpressJS as middleware for backend connections to modify data to database: MongoDB.

**Jello** | (React, Redux, Ruby on Rails, PostgreSQL, CSS3, Webpack)

[live site](#) | [github](#)

- Created a full stack web application inspired by Trello using Ruby on Rails framework and React.
- Designed APIs and routes for personal boards using jbuilders and rails to query using AJAX requests which allows middlewares to receive RESTful information from our database to React frontend.
- Integrated Drag and Drop library to React UI allowing swapping of content and visual performance.
- Leveraged BCrypt library to hash and salt passwords to prevent password exploitation and built a switch script for sessions stored in cookies to nullify the user session when a user logs out.

**Bubble Pop** | (JavaScript, CSS3, HTML5, Canvas, Heroku, Webpack)

[live site](#) | [github](#)

- Incorporated HTML canvas for UI designing of the popular game and rendition of game mechanics such as the bubbles, the launcher, and the board.
- Built collision functions in JavaScript classes to allow bubbles to snap onto a relative position on the board after colliding with either the top of the board or another bubble object.

## EXPERIENCE

**Life Insurance Agent** | [World Financial Group](#)

April 2019 - March 2020

- Advised clients about life products and provide suitable product information that best fits the clients needs.
- Accelerated daily follow-ups in working with IT to process documents as well as ensuring clients are receiving correct documents.
- Trained new hires and advised onboarding members about financial products and the platform.

**Communications Manager** | [Railcare Health](#)

January 2017 - March 2019

- Organized fundraising events to gain cash flow to be able to fund clinic operation and project management.
- Facilitated and managed relations with partners to authorize scheduling of events, providing health education events and clinical screening.
- Researched and regulated safety and legal protocols to ensure the mobile clinic is under proper coverage.

## EDUCATION

[App Academy](#) | New York City, NY | 2020 - 2021

Highly selective software development coding bootcamp with focus on full stack web development and emphasis on test driven development.

[University of North Carolina at Chapel Hill](#) | Chapel Hill, NC | 2015 - 2019

Bachelor of Science in Biology | Chemistry and Chinese Minor |