

## Brian Lin

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### EDUCATION

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#### Bachelor of Science, Computer Science

**Stony Brook University, Stony Brook, NY**

August 2015 – May 2019

- Honors / Awards: Presidential Scholarship, Dean's List
- Relevant Courses: Software Engineering, Data Structures and Algorithms, System Fundamentals, Computer Networks, Object-Oriented Programming, Web Design, Natural Language Processing

### PROJECTS

<https://github.com/brianlin7453>

#### Spinning-Clothing:

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

- A React-Redux application that imitates an online clothing store, using Firebase for login authentication. Users can add items to their cart and checkout/pay through the Stripe API.
- The purpose of the project was to practice core-react principals such as creating reusable and extensible components as well as storing and manipulating state using redux with reselect.

#### CoTube.com

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

- A Spring web application where users who signup can create comics using paint design tools to share with other users on the website, content is stored in a relational MySQL database.
- As the full-stack lead programmer on a team of four, my role was to integrate the database's information into the front-end design. As a team we used agile methodologies to come up with structured solutions and to assign each team member to their respective task each week.

#### Face-Recognition-Brain:

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

- A React application where users can sign up and input an image that will make a request to the Clarifai API through an Express server to recognize and outline where the face is in the image.
- The number of images a user submits is logged into a Postgres database and then reported back.

#### Jotto Game (<https://en.wikipedia.org/wiki/Jotto>):

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

- A full stack Spring application where users can sign up and play a game of Jotto with a programmed opponent and can also view previous game details.
- User account information and match history details are stored in a relational MySQL database.

#### The Dopulator:

[github](#)

- A React application inspired by personal events, developed to solve the problem "how much money does each person owe to each other?".
- Taking information of number of bills, number of people and how much each person paid towards each bill, The Dopulator will calculate how much each person owes one another while also minimizing the total amount of transactions needed.

#### Course Site Generator

[github](#)

- A JavaFX GUI application that when given all inputs from the user will convert the information to create a dynamically loaded course web page ready to be deployed.
- Course information includes: a home page, syllabus, schedule, homework and projects.

### TECHNICAL SKILLS

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- JavaScript/Node.js, SQL, HTML5, JSX, CSS3, Sass, Java, Python, JavaFX, Git
- React-Redux, Postgres, MySQL, Express, Spring, Hibernate, AJAX, Firebase, Trello, Heroku