

## 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

- Overall GPA: 3.12
- Honors / Awards: Presidential Scholarship, Dean's List
- Relevant Courses: Software Engineering, Data Structures and Algorithms, System Fundamentals, Computer Networks, Object-Oriented Programming, Principles of Database Systems

## PROJECTS

<https://github.com/brianlin7453>

### 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.

### The Dopulator:

[github](#)

- A React powered website inspired by personal events, developed to solve the problem of “how much money does each person owe to each other?”.
- Taking information of the total cost, how many people were involved and how much each person paid, The Dopulator can calculate how much each person owes to who while also minimizing the total amount of transactions needed.

### CoTube

[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.
- CoTube includes features such as: creating a comic, subscribing to a content creator, liking and commenting on comics as well as being able to play a game with other users to create multi-author comics.

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

[github](#)

- A Spring web application in which a user can play a game of Jotto with an AI opponent.
- Users can see their match history with specific game details.

### Course Site Generator

[github](#)

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

### Dynamic Memory Allocator

[github](#)

- A C program that implements the C memory allocator function: malloc().
- The purpose of the project was to help understand the processes of how low-level languages go into limited space memory and efficiently allocate space measured in bytes for data variables.

### Email-Classified

[github](#)

- A python script that uses Natural Language Process techniques to classify if an email is SPAM or written by a real person with about a 60% prediction accuracy.

## TECHNICAL SKILLS

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- JavaScript/Node.js, SQL, HTML5, CSS3, Java, Python, JavaFX, C
- React, Redux, Postgres, Express, JSON, Spring, jQuery, AJAX, MySQL
- Git, pgAdmin4, Heroku, JUnit, Material-UI, lodash