

# Jonathan Tran

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## EDUCATION

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**City College of New York** | *Bachelors of Science in Computer Science* - Dec 2019 | GPA 3.4.

**Rockland Community College** | *Associates in Science in Liberal Arts* - May 2014 | GPA 3.6.

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript, Python, SQL, HTML, CSS.

**DBMS:** MySQL.

**TOOLS & OS:** Windows 10, Ubuntu, Windows/Ubuntu Command Line Tools, Maven, Git.

## PROJECTS

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### Reddit Clone [[Live](#) | [Github](#)]

December 2020

- Individual project during covid lockdown to strengthen my Java, SQL, and web development skills. The outcome of this project was a web application similar to Reddit where users are able to post comments, replies, and discuss topics of interest.
- *Technologies:* Java, Spring, Spring Security, Hibernate, JSP, MySQL, HTML, CSS, Bootstrap, Heroku.

### Algorithm Visualizer [[Live](#) | [Github](#)]

August 2020

- Individual project to create a client-side JavaScript application that gives a visualization of famous algorithms. The result was a very intuitive web application where users can visually understand algorithms like DFS, BFS, Dijkstra's Shortest Path, A\* Search, Greedy BFS, and Bi-Directional Search.
- *Technologies:* JavaScript, p5.js, HTML, CSS, Bootstrap.

### Mini Google Docs [[Live](#) | [Github](#)]

December 2018

- A group project of four members to develop a document editing and sharing system. The result was a Java desktop application that allows users to create, save, edit, share, and version control documents.
- *Technologies:* Java, JavaFX, JDBC, MySQL, Heroku.

### GameBook Social Media Site [[Live](#) | [Github](#)]

December 2018

- A group project of four members to develop a social media application to showcase our relational database knowledge. The result was a social media site where gamers can connect with other gamers.
- *Technologies:* JavaScript, Node.js, Express.js, Handlebars.js, MySQL, HTML, CSS, Heroku.

### Fitboi.tech (NS Hackathon 2019 at Lehman College) [[Github](#)]

November 2019

- Hackathon group project to develop an application that promotes health. The result was an application that uses machine learning to predict body fat percentage and to assign a workout program to the user.
- *Technologies:* Python, Ski-Learn, Django, HTML.

## AWARDS

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- Dean's List CCNY

2018 & 2019