Jonathan Tran

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EDUCATION

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

Languages: Java, JavaScript, SQL, HTML, SQL.
DBMS: MySQL.
TOOLS & OS: Windows 10, Ubuntu, Windows/Ubuntu Command Line Tools, Maven.

PROJECTS

Reddit Clone [Live | Github]   December 2020
- Individual project to create a web application where users can post comments, replies, and threads. The outcome of this project was a web application similar to Reddit where users are authenticated and are able to discuss topics of interest.
- *Technologies*: Java, Spring, Spring Security, Hibernate, JSP, MySQL, SQL, HTML, CSS, Bootstrap, Heroku.

Algorithm Visualizer [Live | Github]   August 2020
- Individual project to create a client-side JavaScript application that gives users 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, SQL, 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, SQL, 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

- Dean's List CCNY   2018 & 2019