

Jonathan Tran

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TECHNICAL SKILLS

Languages: Java, C#, JavaScript, TypeScript, HTML, CSS, SQL

Frameworks/Tools: ASP.NET, Angular, Cypress, MySQL, Git

EXPERIENCE

Rocket Mortgage | Associate Software Engineer

March 2021-Present

- Worked on frontend task view and backend related services of Rocket's inhouse workflow management system to ensure a clean and intuitive user experience using C#, Angular, Cypress, HTML, and CSS
- Employed Cypress to create a comprehensive test suite in Angular to ensure complete UI coverage and predictability
- Utilized SonarQube to improve reliability of a service, result was an increase of code coverage from 80 percent to 97 percent, and a decrease of 43 issues to 0 issues
- Wrote various integration and functional tests involving multiple backend services, sqs, and lambdas
- Worked on testing plans for various features, outlined happy/sad paths, and captured different use cases
- Collaborated with leaders, teams, and engineers on beta/prod pushes, and utilized CircleCI pipelines to ensure smooth code deployments.
- Employed Splunk logs to identify any issues that may arise after beta and prod code deployments.
- Collaborated with business as an on-call engineer fixing and troubleshooting production bugs, database clean up, and responding to support emails and salesforce tickets
- Presented and demoed multiple frontend and backend features with the intention of communicating and highlighting the business value of said features to a wider audience

Rocket Mortgage | Software Engineer Intern

Nov 2020 - March 2021

- Implemented icon and routing code for user preferences in Rocket's Pathfinder, a search engine in partnership with google for mortgage brokers
- Wrote code in Pathfinder's BFF to retrieve user preferences options from AWS S3 bucket to be displayed on UI
- Implemented unit tests to ensure 100 percent code coverage of Pathfinder's BFF user preferences endpoint in C#.

PROJECTS

Full Stack Reddit Clone Site [[Live](#) | [Github](#)]

December 2020

- Developed a web application similar to Reddit, where users are able to post comments, replies, and discuss topics
- *Java, Spring, Spring Security, Hibernate, JSP, HTML, CSS, Bootstrap, MySQL, Heroku*

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

August 2020

- Implemented 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
- *JavaScript, p5.js, HTML, CSS, Bootstrap*

Full Stack 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
- *JavaScript, Node.js, Express.js, Handlebars.js, MySQL, HTML, CSS, Heroku*

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