

# Jia Xing (Jacky) Feng

Brooklyn, NY | (347) 748-0234 | [jackyfeng530@gmail.com](mailto:jackyfeng530@gmail.com) | [Github](#) | [Blog](#) | [LinkedIn](#) | [Portfolio](#)

Software developer with experience in JavaScript frameworks. With my background in mathematics and education, I look to combine my problem solving and analytical skills with my love of collaboration and community in my work.

## TECHNICAL SKILLS

JavaScript | TypeScript | Ruby | Rails | React | React Native | Redux | Angular | HTML | CSS | PostgreSQL | SQLite

## PROFESSIONAL EXPERIENCE

### Software Development Engineer II, *Citi*, Remote 07/2020 - Present

- Design and support migration of Mortgage Marketing legacy application of over 80 pages to a dynamic Angular SSR framework and container, including PCF deployment, Akamai configuration, and NGINX implementation
- Lead development on efficient and modular components, including an adjustable calculator component, within the Angular SSR framework to allow for flexible and straightforward implementation of each Mortgage Marketing site.
- Mentor new hire employees by providing support and assistance through bi-weekly one-on-one meetings and group sessions to promote their personal and professional growth within their respective teams.

### Software Engineer - Mobile, *Outlet*, Brooklyn, NY 02/2020 - 06/2020

- Improved and optimized mobile platform using React Native and TypeScript to redesign and enhance overall UX
- Spearheaded development of new account features to encourage recurring deposits and increase user engagement
- Designed and incorporated unit, integration, and end-to-end testing by utilizing Jest, Enzyme, and Detox

### Lead Instructor, *Mathnasium of Bay Ridge*, Brooklyn, NY 09/2018 - 02/2020

- Instructed students ranging from middle school to college to improve understanding of mathematical concepts
- Identified areas of improvement through assessments to create learning plans and strategies for students
- Collaborated with families to implement continuity of effective study habits at home and at school

## TECHNICAL PROJECTS

### NBA Showdown - [Github](#) | [Demo](#)

An NBA reference application for NBA fans. View statistics and simulate a game between two teams from any era.

- Utilized React, Redux and Semantic UI to create a dynamic user interface for displaying player, team and game data
- Created an algorithm using the normal probability model to accurately simulate the results of a matchup
- Designed a Rails API by elaborating on preexisting API to handle the simulation and NBA statistical data

### 5 Games - [Github](#) | [Link](#)

An NBA playlist sharing application. Create and share a playlist of your favorite NBA games from through the years.

- Developed and optimized Rails API utilizing ActiveRecord and serializers for storing user, game, and playlist data to handle potentially large database usage and allow for future expansion and scalability
- Implemented modular design pattern and Feature Branch Workflow to improve productivity and adaptability

### Rock Shop - [Github](#) | [Demo](#) | [Link](#)

A dynamic e-commerce site for purchasing a diverse range of rocks.

- Implemented JSON Web Tokens (JWT) to handle user authentication and encrypted user information client-side
- Developed a Rails API backend with endpoints for users, rocks and orders with serializers to send relevant cart information specific to a user
- Employed React with custom CSS styling for an interactive and dynamic user interface

### Totally Accurate Military Simulator - [Github](#) | [Demo](#)

A CLI turn-based military-themed strategy game involving defense and offense tactics amongst military units.

- Adopted Ruby to design and develop game logic involving calculating damage and status effects
- Incorporated ActiveRecord associations to implement a 'Battle' system involving self-referential 'Character' class

## EDUCATION

### Flatiron School, Brooklyn, NY 09/2019 - 01/2020

Full Stack Web Development, Ruby and JavaScript frameworks

### Kingsborough Community College, Brooklyn, NY 01/2014 - 01/2016

Computer Science (completed credits 36/60)

### Binghamton University, Binghamton, NY 09/2012 - 01/2014

Mathematics (completed credits 40/126)