

# REDMOND CHAN

SOFTWARE ENGINEER

## PERSONAL SUMMARY

Software engineer who began a software engineering journey by satisfying a curiosity on how video games work. On this quest, I added Ruby on Rails, JavaScript and React/Redux to my software programming skills. I am seeking a software engineer role where I can contribute to projects that will positively impact someone's life.

## CONTACT

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## TECHNICAL SKILLS

Flatiron School Immersive Program  
Ruby, Ruby on Rails  
JavaScript, React, React-Redux  
Material-React, Semantic-React  
HTML, CSS, Bootstrap, Sass/SCSS  
SQL, PostgreSQL  
CanvasJS, Particles.JS

## EDUCATION

### Flatiron School - 2019

*Full Stack Web Development, Ruby on Rails and JavaScript immersive program*

### SUNY Farmingdale - 2014

*Bachelor of Science in Security Systems*

## TECHNICAL PROJECTS

### Cheesecake - [Github](#) | [Video Demo](#) | [Site Demo](#)

*Static website about my dog, Cheesecake, to practice CSS/SCSS*

- Implemented BEM naming conventions to increase the speed of development, debugging, and future implementations
- Followed the 7-1 pattern to create a maintainable, scalable and well-organized project
- Utilized Sass mixins to write media queries for responsive design
- Created custom buttons, radio buttons, popups, and effects with CSS

### BabyGotchi - Github: [Front-End](#) [Back-End](#) | [Video Demo](#) | [Site Demo](#)

*A basic baby simulator*

- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side
- Implemented user interface employing React with Semantic-React for styling
- Developed a Rails API backend with endpoints for users, babies and logs
- Exploited NYC OpenData API to randomly generate a name for the baby

### Adopt Pup - [Github](#) | [Video Demo](#)

*Full RoR website for adopting dogs*

- Configured ActiveRecord association with Postgres to store data in a relational database
- Built using Ruby on Rails MVC design pattern
- Implemented user interface with Bootstrap
- Utilized Rails sessions for authentication

## WORK HISTORY

### United Federation of Teachers, Brooklyn, NY

*Receptionist, April 2015- February 2018*

- Assisted with the implementation of new security protocol
- Improved customer service for approximately 100 visitors daily by reorganizing previous filing system
- Trained three new receptionist to efficiently assess the key issues of visitors

### Baxter Street Day Care, New York, NY

*Teacher Assistant, July 2013 - March 2015*

- Designed and built carnival games for the annual summer Bazaar to raise funds for the student trip
- Coordinated and executed a play with the students for the annual summer performance
- Constructed and administered lesson plans for twenty 4th grade students