

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

Cell: 917-239-9094

Email: redmondchan92@gmail.com

Github: [redmondchan](#)

Linkedin: [redmondchan](#)

Medium: [redmondchan](#)

Technical Skills

Flatiron School Immersive Program

Ruby, Ruby on Rails

JavaScript, React, React-Redux

Material-React, Semantic-React

CSS, Bootstrap

CanvasJS, Particles.JS

SQL

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

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

A basic baby simulator

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

Genome Mutation Identifier - [Github](#) | [Video Demo](#)

Hackathon project designed for researchers to find known mutations and to identify deletion or insertion mutations

- Developed algorithms to identify deletion or insertion mutations in DNA
- Utilized Papa Parse to convert CSV uploads into JSON
- Implemented user interface employing React with Material-React for styling
- Built a React App at a hackathon with a team of 5 and then rebuilt it with extra functionality

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

Full RoR website for adopting dogs

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

WORK HISTORY

United Federation of Teachers, Brooklyn, NY

Receptionist, April 2015- February 2019

- 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 elementary students