

# CALVIN IEONG

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## CONTACT

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## SUMMARY

I am a full stack web developer with a passion for learning and writing clean code. After spending time in the service industry, discovering code meant I discovered my career; I am excited to learn more and continue contributing to this sphere. I do well in fast-paced professional environments where I must learn quickly, while still contributing quality code.

## SKILLS

### LANGUAGES

Ruby

Javascript

### FRAMEWORKS

Rails

Bootstrap

Sinatra

### FRONT-END

HTML5

CSS3

jQuery

AJAX

### DATABASES

SQL(PostgreSQL, SQLite)

ActiveRecord

### VERSION CONTROL

Git

### METHODOLOGIES

Object Oriented Design

Test Driven Development

### FOREIGN LANGUAGES

Cantonese

Spanish

## PROJECTS

### Pokemon Name API

RESTful API built in Rails containing 151 Pokemon.

- Employed ActiveSupport::Serializers gem to serialize resources on API.
- Introduced versioning to API to include better structuring.
- Protected application from forgery and CSRF attacks.
- Created RESTful endpoints to SHOW, CREATE, UPDATE and DELETE Pokemon.
- Authored detailed description on how to use API on Github.

### Samplify

A Rails application that utilizes Spotify's API and OAuth to allow users to sign in with their Spotify account and hear 30 second previews of songs based on different genres. The user can then choose to add the song to their Spotify playlist or skip to move on to the next preview. Samplify was built with Ruby on Rails in the backend and Materialize in the front end.

- Assisted with creating Songs controller where songs are pulled from the Spotify API.
- Implemented create, show, and delete methods which allows users to view, skip, and add songs to their playlists.
- Created Genres controller which grabs every genre from the Spotify API and built the view to display each.

### Flip Flop

Utilizing API's from ProPublica and Twitter, Flip Flop is a platform to provide potential voters with non-partisan information about politicians' congressional voting records and their tweets on several key issues. Flip Flop was built on a Ruby on Rails backend, and employs the Bootstrap framework and d3.js data visualization library in the front end.

- Created search function that searches through database for a Politician/Legislator.
- Employed REGEX and Ruby to create an iterative method that converts strings to hyperlinks.
- Made calls to the ProPublica API to gather data about legislator votes on bills.
- Parsed data and created objects with that information.
- Assisted in making calls with Twitter API and gathering tweets from particular Politicians.

### Wiki on Rails

A Rails app modeled to be a wiki that assists users on learning anything about Ruby on Rails.

- Built MVC for RailsWiki's Article and Snapshot objects.
- Created User functionality on site which includes registering and logging in and out.
- Implemented 'Snapshot' feature to make changes to each article viewable and allow the user to revert back to their previous edit.
- Advanced knowledge on creating routes from Sinatra to Rails.
- Applied HTML and CSS to adjust colors and navigation bar.
- Created nested form and strong params that grabs information and instantiates new Article and Snapshot objects.
- Completed fully functional Rails app within a few days while learning Rails.

## EXPERIENCE

### Ninth Street Espresso

Barista

Manhattan, New York  
Jul 2015 to Apr 2016

- Handled daily monetary transactions.
- Performed accountant duties such as keeping track of daily profits.
- Recommended best practices and strategies in staff meetings to increase business profit.
- Provided knowledge and education to new staff members.
- Built and retained loyal clientele with reputation of dedication and integrity.

### Chopping Block

Front of House Manager

Manhattan, New York  
Dec 2014 to Jun 2015

- Conducted interviews and hiring for all front of house staff
- Implemented training for new members of staff to ensure product consistency.
- Organized the scheduling for front of house staff.
- Managed business operations and provided help when needed.
- Coordinated weekly meetings with owners and chefs to brainstorm new items for menu and discuss issues and solutions.