

# CALVIN IEONG

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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.

## EMPLOYMENT

### Nedap Healthcare

Software Engineer

Parallelweg 2, 7141 DC, Groenlo, Nederland

Jul 2017 to Current, Jul 2017 to Current

- Worked on healthcare application called Floor which aims to improve the lifestyle of individuals with type 2 diabetes through behavioural change.
- Built out and develop new redesign of the application introducing a sidebar navigation.
- Work closely with Product Owner to identify, track, and deliver solutions for issues, features, and changes.
- Developed mentor side of application built fully with React and Redux.
- Created multiple backend functionalities utilising Sidekiq, ActiveJob, and ActiveMailer for a better user experience.
- Worked partially remote connecting with team members through Basecamp & Slack.
- Technologies used: Ruby on Rails, Rspec, JavaScript(including libraries such as React + Redux), HTML, CSS/Sass, Git & Github, PostgreSQL, ActiveRecord, ActiveMailer, ActiveJob, Sidekiq, SQL.

### Future Labs

Freelance Developer

137 Varick Street 2nd Floor New York, NY 10013

Mar 2017 to May 2017

- Converted HTML website into Wordpress template.
- Built out new features utilizing HTML, CSS, JS, and PHP for a better user experience.
- Contributed to the redesign of AI Nexus Lab page with feedback and development.
- Created new GSuite email address connecting with Hover domain for AI Nexus Lab event.
- Built Custom Fields for different pages using Wordpress Advanced Custom Fields plugin.
- Created custom IFTTT Applet that forwards new (attendee-only) emails directly to private Slack channel.
- Optimised web performance through implementing Google Analytics.
- Worked partially remote connecting with team members through Slack.

### Full Stack Developer

Dev Bootcamp

48 Wall St, New York, NY 10005

Mar 2016 to Jul 2016

- 19 week immersive program in which students are taught a variety of languages and frameworks including, but not limited to Ruby, Ruby on Rails and JavaScript.
- Created a variety of front end applications using JavaScript by incorporating Bootstrap, jQuery, and AJAX.
- Created back end applications using Ruby on Rails, Sinatra and Active Record.
- Built multiple web applications including a clone of Stack Overflow, each within the span of 48 hours.
- Collaborated with many teams in order to create multiple applications within an Agile workflow environment.
- Honed in on the important principles of Object Oriented Design.

## PROJECTS

### New Territories NYC

Main webpage for restaurant New Territories NYC.

- Utilized Materialize.css for Front-End and Ruby on Rails for Back-End.
- Built out website responsiveness for all browsers and mobile using HTML and CSS.
- Deployed onto Heroku and connected to GoDaddy domain.
- Implemented Google Analytics to analyze website traffic and activity.
- Maintain and update current features that fit brand and enhance user experience.

### Pokemon Name API

RESTful API built in Rails containing 151 Pokemon.

- Employed ActiveRecordSerializers 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.

## SKILLS

Ruby, Rails, Javascript, React, Redux, PHP, Bootstrap, Sinatra, Materialize, HTML5, CSS3, jQuery, AJAX, API, SQL (PostgreSQL, SQLite), ActiveRecord, Git, Object Oriented Design, Test Driven Development, Pair Programming, Agile Software Development, Cantonese, Spanish, Google Analytics Individual Qualification (IQ), MS Office (Excel, Powerpoint, Access, Word)

## EDUCATION

### Dev Bootcamp

2016

19-week intensive program focusing on competencies in Ruby, Javascript and Ruby on Rails.