

# Jackson Lee

New York, NY  
github.com/jjlee5266

305-989-0148  
linkedin.com/in/jjlee5266/

jjlee5266@gmail.com

## EXPERIENCE

### **Web Development Immersive | Jr. Web Developer, General Assembly**

**Oct 2014-Jan 2015**

#### *Have.It*

- Developed single-page inventory web application for a client using Ruby on Rails, Javascript and Backbone.js.
- Integrated several Ruby Gems to improve functionality such as Devise and Paperclip.
- Deployed to Heroku.

#### *Pokemon Finder*

- Web-based game using Javascript and Google Maps API.
- Populated on-screen Google map with a Restful API to display various characters.
- Populated PostgreSQL database with character information based on user events.

#### *Where-Fi*

- Built a full-stack Rails App that helps people find free wifi hotspots using Ruby on Rails.
- Determines the distance between user and desired wifi hotspot through Geocoder gem and Google Maps API.

### **Co-op Packaging Engineer, Vicor Corporation**

**Jan 2012-Jul 2012**

- Improved the shelf life of products 1200% through adhesion testing of packaging materials.
- Decreased occurring failures in products 80% by identifying failing supply line equipment.
- Innovated benchmark test protocol to analyze V-I Chips with higher design parameters through collaborations with other development teams.

### **Student Researcher | Eric Baer group, Center for Layered Polymeric Systems**

**May 2011-May 2014**

- Developed new shape memory polymer system that possesses higher recoverable large strain capability than conventional shape memory polymers.
- Proved that gradient-index optical lenses possess better optical properties than human eyeballs to produce a high quality surgical-implantable lens.

### **Volunteer, Great Lakes Science Center**

**Jan 2010- May 2014**

- Instilled an interest in chemistry and general science for children in organizations by educating and perform scientific demonstrations.

## AWARDS

- Photo Hack Hackathon: Won Crowd Favorite, Best Photo Creation and Honorable Mention  
<http://challengepost.com/software/woofer>

## SKILLS

- **Javascript:** jQuery, Backbone.js, Handlebars.js, Underscore.js, D3.js, Phaser.js
- **Ruby:** Rails, Sinatra
- **TTD:** Rspec, Jasmine, Capybara
- **PostgreSQL**
- **APIs:** AJAX, OAuth
- **Git:** Github
- **Bootstrap:** SASS
- **HTML5/ CSS**
- **Solidworks, Render, Microsoft Project**

## LANGUAGES

- English(Fluent); Spanish(Proficient); Japanese(Conversational); Cantonese(Conversational)

## EDUCATION

### **Case Western Reserve University (CWRU)**

*Masters* 3.75/4.0

**Expected Graduation: 2016**

- MEM., Master of Engineering and Management

*Bachelors* 3.103/4.0

**2015**

- B.S., Chemical Engineering; Polymer Science Concentration
- B.S., Polymer Science and Engineering
- Minor, Japanese Studies