

# Sarah Kwak

**Rails** developer

Former **Submarine** QA Auditor

Experienced and Certified **Project Manager**

**Beer** enthusiast and home **brewer**

Firm believer on small controller and fat model

sarahseyoungkwak@gmail.com

<https://github.com/sarahkwak>

<http://sarahkwak.github.io>

<https://www.linkedin.com/in/sarahkwak>

Tel. 650-381-9918

San Francisco, CA

## TECHNOLOGIES

*Ruby, Rails, Rspec, HTML, CSS, Javascript, jQuery, PostgreSQL and Git*

## PROFESSIONAL EXPERIENCE

### SOFTWARE ENGINEER | PROPELX, SAN FRANCISCO | JAN, 2016 - PRESENT

- Build company's investing platform with modular code written in Ruby on Rails, jQuery, PostgreSQL, HTML5 and CSS3
- Develop investor dashboard including colorful investment charts using Chartkick
- Scale up the administrator portal which resulted in increase admin capacity by ~500%. e.g. One click to verify startup application status, trigger various mailers and notifications
- Create forms using Rails 'simple\_form\_for' and then spiced up with jQuery e.g. field verification, auto-currency conversion
- Push both staging and production sites to Heroku
- Investigate errors through Paper Trail and figure out why a user encounter 404 or 505 errors
- Ship 100+ user-facing features, writing tests in RSpec and make sure circleCi signal green
- Provide inputs to product manager and UX/UI designers to ensure the site is stable and features are user-friendly
- Provide solid advise on happy hour beer selections and enthusiastically promote local breweries

### QUALITY ASSURANCE AUDITOR | BABCOCK CANADA, CANADA | OCT 2011 - MAR 2014

- 40+ Lead quality / safety / environmental / security audits on Victoria class Submarines
- Engage with Canadian National Defense audit team and conduct scheduled or 'surprise' audits
- Maintain integrity of ISO 9001, 14001 and OHSAS 18001 in West Coast operations
- Conduct risk assessment in order to schedule annual audit program

### ISO 9001 CONSULTANT | JOL CONSULTING, CANADA | DEC 2012 - MAR 2013

- Provide counseling service and conduct audits in accordance with ISO 9001 Quality Management System in order to help the client to obtain ISO 9001 certification
- Manage customer portfolio and monitor progress through customized client management system

## QUALIFICATION

**CAPM** Certified Associate in Project Management | 2013

**ISO 9001 Quality Assurance Lead Auditor** | 2013

## EDUCATION

Developer Bootcamp, San Francisco | 2015

Masters of Commerce | University of New South Wales, Sydney | 2009

Bachelor's of Science, Chemistry | Sang-myung University, Seoul | 2002

## PROJECTS - More projects like javascript games are on <https://github.com/sarahkwak>

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WordLadder - JS Game | AWS Hack | June 2016

<https://github.com/sarahkwak/WordLadder>

2 days AngelHack project with a javascript developer(Wez). Using Node.js and vanilla javascript to create two-person-play game. It is not deployed as of yet but feel free to review my code in github

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Sciencify - Chrome Extension | Science Day Hack | **Nov 2015**



The best and most scientific Chrome Extension in the world

Sciencify will block users visiting unscientific website like foxnews.com and redirect them to proven site like bbc.com/science.

<https://github.com/sarahkwak/sciencify>

Proudly present the world first tool to redirect users to legit places. e.g. redirect [www.foxnews.com](http://www.foxnews.com) to [www.bbc.co.uk/science](http://www.bbc.co.uk/science)

1 day hack project with a buddy(Ayako)

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2Tr - Finding Tutors online | Dev Bootcamp Final Project | **May 2015**



A New Way to Learn Coding  
A New Way to Share Knowledge



<https://the2tr.herokuapp.com>

Final DBC project with 3 members. I was the lead developer / project manager.

I developed authentication using LinkedIn's omni-auth and all client-side user actions e.g. pop up modal, trigger chat box using jQuery.

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FavoriteTruckSF - Finding Food Truck | Personal project | **Nov 2015**

1. Currently, all food trucks are seeded in the database. The data are collected and sorted in the seed file.
2. Set up mongoose and Mongoose to import and save the data from the API
3. Google map render the all food trucks when the page loaded
4. When the user type their addresses, it will narrow down the search result within the area only.
5. The list is showing all the foodtrucks in the SF area. It does not sync with the map search result.
6. The list is paginated by 15 search result in the page



<http://favoritetrucksf.herokuapp.com/>  
Personal project. Using google map and Facebook omni-auth and allow user to save their favorite trucks. The truck info is using [www.data.sfgov.org](http://www.data.sfgov.org) API.