

Sarah Kwak

Software Engineer

Former **Submarine** QA/ Safety Auditor

Experienced and Certified **Project Manager**

Beer enthusiast and home **brewer**

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<https://github.com/sarahkwak>

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San Francisco, CA

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 account manager portal which resulted in increase 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 500 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 advice 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 facilities (e.g. warehouse, offices) and 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
- Co-manage Approved Vendor List (AVL) with Supply Chain team and conduct supplier assessment by customized metrics
- Review and approve major purchasing orders in order to assure material quality on the submarines
- Lead supplier surveillance audit to ensure that a supplier meets contractual and legal requirements

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>

Teach Brian to Code - Personal Tech Blog



Showcase my personal projects, tech blog, introduction of myself and my dog, Brian. This is about our journey of becoming a web developer. <http://sarahkwak.github.io/>

WordLadder - JS Game | AWS Hack | June 2016

2 days AngelHack project with a javascript developer. 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. <https://github.com/sarahkwak/WordLadder>

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

Proudly present the world first tool to redirect users to legit places. e.g. redirect www.foxnews.com to www.bbc.co.uk/science. <https://github.com/sarahkwak/>

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



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

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

<https://the2tr.herokuapp.com>

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

1. Currently, all food trucks are seeded in the database. The data are collected and stored in the seed file.
2. Set up postgreSQL 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 10 search result in the page



Personal project. Using google map API and Facebook omni-auth and allow user to save their favorite trucks. The truck info is using www.data.sfgov.org API.

<http://favoritetrucksf.herokuapp.com/>