Sarah KWAK

in linkedin.com/in/sarahkwak
github.com/sarahkwak
sarahkwak.github.io

sarahseyoungkwak@gmail.com | 650.381.9918

> LANGUAGES AND TECHNOLOGIES
- **Proficient:** Ruby, Rails, JavaScript, jQuery, SQL, PostgreSQL, Git, Heroku, HTML5, HAML, CSS3, Sass, RSpec, Factory_Girl, Capybara, Jasmine, Redis, Sidekiq, CircleCI, Test Driven Development (TDD), Agile
- **Exposure:** ReactJS, Node.js, MongoDB, AWS (S3)

> PROFESSIONAL EXPERIENCE
Propel(x) | Software Engineer | San Francisco, CA   Jan. 2016 - Nov. 2016
- Increased management capacity by >150% of account managers through scaling internal portal utilizing Ruby on Rails to verify startup status, trigger various mailers and automatically send notifications.
- Shipped 100+ user-facing features, writing tests in RSpec, and fixing bugs with Rails, external APIs, and JavaScript libraries ensuring CircleCI signal remained green.
- Contributed to redesign backend of company's investing platform which resulted in weekly signups increasing by 2X, building the web app with modular code written in Ruby on Rails, HTML5 and CSS3.
- Improved Rails application loading times by over 20% by implementing page caching and eager loading.
- Developed user portal for deep science startups to launch fundraising campaigns, with RESTful API backend constructed using Ruby on Rails to manage deal activity.
- Provided solid advice on 100% of happy hour beer selections and ethusiaticially promoted local breweries.

Babcock International | Submarine QA Auditor | Victoria, BC   Oct. 2011 - Mar. 2014
- Managed 40+ quality, safety, environmental and security audits on stationed Victoria submarines, ensuring testing and calibration of all mechanical materials.
- Reviewed and approved major purchasing orders of over $2,000,000 to assure material quality on submarines.
- Analyzed surveillance audits of Fortune 500 companies to maintain supplier legal + contractual requirements.

> RECENT PROJECTS
Here for You | Software Engineer | live | code   Oct. 2016
Platform for helping women who experience violence in the workplace by providing expert advice from volunteer mentors
- Integrated Slack bot through Api.ai for friendly incident reporting process and depending on the chat result, a user will either redirect to the main app to complete the report or connect to one of volunteer mentors.

FavoriteTruckSF | Software Engineer | live | code   Nov. 2015
Service for food truck lovers to track their favorite trucks based on user location and allow for reviews to be left and read
- Architected PostgreSQL database to store ~600 unique trucks from DataSF API integrated into Rails backend.
- Incorporated Google Maps API to geolocate food trucks and position them based on current user's location.
- Constructed user review functionality (staring and commenting) utilizing Ruby on Rails and JavaScript.
- Enabled Facebook authentication through OAuth to reduce steps in the registration process by 50% for users.

Teach Brian to Code | Software Engineer | live | code   Feb. 2015 - Present
Tech blog on computer science fundamentals chronicled through myself and my dog Brian's web development journey
- Deployed web platform with 35+ articles focused on Ruby on Rails and JavaScript fundamentals, object oriented design, system architecture, data structures and algorithms.

> EDUCATION
M.A. Commerce, *University of New South Wales*   Aug. 2009
B.S. Chemistry, *Sang-myung University*   Mar. 2002

> QUALIFICATIONS
CAPM, *Certified Associate in Project Management, PMI*   Feb. 2013
ISO 9001 Quality Assurance Lead Auditor, *BSI*   May. 2013