

# Bumsoo Kim

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**SKILLS** Ruby, Ruby on Rails, RSpec, React, Redux, JavaScript, SQL, jQuery, AWS, D3.js, HTML5, CSS/SASS

## PROJECTS

MELP SQL, Ruby on Rails, JavaScript, ReactJS, Redux, AWS, Google Map API

[live](#) | [github](#)

*Yelp-inspired responsive single page app that allows the users to view their local businesses and to read and submit the reviews*

- Customized SQL queries using locations and search terms to display businesses from the database.
- Prevented malicious attacks from overloading the server with data by capping total photos upload size at 1mB.
- Centered Google Map API from user's location using HTML5 Geolocation API and displayed filtered inbounds businesses.

NYC PARTICIPATES! JavaScript, jQuery, D3.js

[live](#) | [github](#)

*Data Visualization of NYC Participatory Budgeting Projects on a map of NYC*

- Parsed GeoJSON to draw NYC city council districts as SVG paths using D3.js.
- Combined GeoJSON and CSV datasets together by overlaying SVG projects circles on SVG district paths
- Devised a dynamic single page app through DOM manipulation using jQuery.

## EXPERIENCE

Tech Lead of El Salvador team

*Engineers Without Borders - New York University*

2014 - 2015

- Oversaw the revitalization of the water treatment project at Perquin, El Salvador, abandoned in 2009, and the assessment of the previous plan to build an artificial wetland connected to previously built septic tank that would provide clean water to 1,000 people.
- Reinstated communication and negotiated with the Perquin Community that wanted to implement \$400,000 Universidad del Oriente's water treatment proposal, which would install water treatment plant to affect thousands of people more than previous EWB plan.
- Directed the team to translate hundred-pages proposal from the Universidad del Oriente from Spanish to English and led the effort to accommodate their plan with the infrastructure built on the ground.

Founder and Moderator of Subreddit (Public Internet Forum)

*Reddit*

2018 - Present

- Founded and Administered a subreddit, which grew into a community of 8000 members within one year.
- Ensured the subreddit's quality by establishing strict rules and by rewarding members who wrote substantially researched writing with custom decorations in the forum, which increased the numbers of effort posts to two times a month.
- Maintained friendly relationship between the subscribers and the moderators by opening multiple "Town Hall Meetings" where subscribers can ask moderators questions, which decreased the number of rule violations by 30%.

## EDUCATION

App Academy - 2019 - Intensive 1000+ hour software developer curriculum with < 3% acceptance rate

New York University - BA Chemistry, Minor in Mathematics 2012-2018

## LANGUAGE

Korean - Native Speaker

English