

# Eric Cheon

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[LinkedIn](#)

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[Personal Site](#)

## SKILLS

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, SQL (PostgreSQL, MySQL), Git, NPM, Webpack, HTML5, CSS3/SASS

## EDUCATION

**App Academy** - Immersive software development course with focus on full stack web development

Spring 2019

**Cornell University, College of Engineering** - Major in Information Science, Systems, and Technology

2008 - 2012

## PROJECTS

**We-Travel** (Ruby on Rails, JavaScript, React/Redux, PostgreSQL, SASS, NPM, Webpack, Google Maps APIs)

[Live Site](#) | [Github](#)

*Single-page Airbnb-clone web application with emphasis on user's experience on searching and booking process*

- Designed database schema that incorporates users, listings and bookings JOINs table along with the right associations to let users seamlessly search and book listings based on their search parameters.
- Devised a search-terms validation check algorithm and incorporated the ActiveQuery commands to recognize user's valid search parameters and limit the result listings returned from the database.
- Improved UI/UX of booking requests by implementing appropriate AJAX requests with associations to block out the dates with existing reservation on the calendars and prevent overlapping booking requests.
- Created custom SQL queries and reduced server load through the utilization of Active Record associations and extracted data from multiple tables in a single query.

**Earthquake-Map** (JavaScript, HTML/SASS, NPM, Webpack, APIs)

[Live Site](#) | [Github](#)

*Data Visualization website that makes custom API calls and renders an interactive map using the result JSON data*

- Incorporated the United States Geological Survey APIs to interactively retrieve data of different parameters that users search and populate data on the map.
- Designed the default search parameters to accommodate the data host's limit of 20,000 results per query and to optimize the data loading time by 40%.
- Formulated the location of a detail pop-up box for a specific earthquake on the map to ensure that if the map is zoomed out such that multiple copies of the same earthquake data are visible, the popup appears over the copy being pointed to.

## EXPERIENCE

**Business Strategy Consultant**

KOTRA, New York NY March 2014 - August 2018

- Worked with cross-functional teams to develop and advise clients in their new market entry strategy, product scalability, supply chain management and sales/marketing plans.
- Managed annual budget of \$1 million for activities coherent to the strategies that the team had presented.
- Successfully delivered average 25% increase in clients' sales in the U.S. market with numerous new leads.
- Attained 100% KPI completion rate along with the best client satisfaction report.
- Notable results include successful deals with CVS Health, Walmart, Whole Foods, AVON, Albea Group, NYC MTA.

**Lead Front-End Software Developer, Co-Founder**

Booklean Inc., New York NY June 2012 - December 2013

- Co-founded an e-book publishing start-up with the mission of enhancing readers experiences by integrating dynamic and interactive technologies on e-books
- Took a lead role to incorporated XHTML, CSS responsive design, and iBooks Author in ePub and IBA format allowing users to seamlessly read the content regardless of screen sizes.
- Led the entire process of projects embracing agile development methodology by constantly communicating with the team members and authors.
- Successfully managed publication projects with a team that led to 7 published e-books in the focusing genres with multiple authors, stakeholder sand artists in both iOS and Android platform.