

# King F. Wong

Cell: (718)-219-9828

[kfwong.net](http://kfwong.net) · [kfwong.linkedin](https://kfwong.linkedin.com) · [github.com/kikoo201](https://github.com/kikoo201)

## TECHNICAL SKILLS

Java · C · Ruby · Ruby on Rails · JavaScript · React.js · Redux.js · jQuery · SQL · GIT · HTML5 · CSS3

## SOFTWARE PROJECTS

ClickStarter · [live](#) · [github](#)

*Full Stack Engineer [Rails, ReactJS, Redux, PostgreSQL]*

*A single-page web application, inspired by Kickstarter*

- Improved data searching by making more precise SQL queries against associated models in Rails back-end.
- Reduced cost of API calls by retrieving only relevant attributes of objects from the back-end.
- Implemented a live-update project search mechanism, allowing a dynamic transition between searches for users.
- Enforced AWS S3 for image uploading for scalable performance.

Ninja-Jump · [live](#) · [github](#)

*Front End Engineer [JavaScript, HTML5, CSS]*

*An original object-oriented JavaScript browser game*

- Generated dynamic gameplay using an HTML5 Canvas element with vector math and randomized game elements.
- DRYed up code allowing for extensible development including imports of enemy sprites and particle sprites.

ActiveRails · [github](#)

*Software Engineer [Ruby]*

*A custom made ORM that builds relational objects across databases, inspired by ActiveRecord*

- Implemented flexible and reusable code by leveraging Ruby metaprogramming techniques to build relational objects based on the given tables.

## EDUCATION & TRAINING

### App Academy

New York, NY — August 2016 - November 2016

1000-hour immersive full-stack web development course · acceptance rate < 3%

- Topics include: OOP, REST, single-page apps, design patterns, coding style, TDD, scalability, algorithms.

### New York University College of Arts and Science

New York, NY — August 2012 - May 2016

BS · Chemistry · Minor · Computer Science · 3.52 · Honors Scholar

- Curriculum Highlights: Data Structures, Computer System Organization, Calculus 3.

## WORK EXPERIENCE

### Patient Companion Volunteer at Maimonides Medical Center

Brooklyn, NY — May 2015 - May 2016

- Dedicated fully to one to one interaction with elderly patients, assuring their safety and needs.

### Undergraduate Lab Assistant at NYU

New York, NY — Jan 2013 - May 2014

- Worked on 3T-AB-62 tensegrity triangle DNA lattice and presented results in Undergraduate Research Conference.