

# Martin Chung

Software Engineer

[Portfolio](#) [LinkedIn](#) [GitHub](#)

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## Projects

### SelfieGram - Ruby on Rails, Postgres, JavaScript, React + Redux, HTML5, CSS3

[Link](#) | [GitHub](#) | Full-stack, social media single page web application inspired by Instagram.

- Implemented Redux architecture with unidirectional data flow and React for efficient rendering of photos, modals, likes and comments.
- Utilized AWS S3 to store images, increasing performance and allowing scalability.
- Designed a responsive web page using CSS3 flexboxes and percentages for heights and widths.

### Word Finder - JavaScript, jQuery, HTML5, CSS3

[Link](#) | [GitHub](#) | JavaScript based game that took inspiration from Scramble with Friends.

- Built and implemented a prefix/radix tree (trie) to store around 178k words for efficient lookup.
- Implemented high score storage that will persist between machines using a Firebase DB.
- Employed events like mousedown and mouseenter to click and drag effect across tiles.

### stORM - Ruby, SQLite

[GitHub](#) | A simple Ruby ORM with basic functionality of Active Record.

- Developed a simple Ruby ORM using OOP and metaprogramming that will query a database.
- Utilizes SQL and Ruby methods such as .map and .join to query and manipulate the database.

## Skills

- Ruby, Rails, RSpec, JavaScript, jQuery, SQL, React, Redux, HTML5, CSS3, Git, AWS

## Experience

### Senior Group Underwriting Associate | Prudential Financial | June 2014 - Feb 2017

- Developed two tools in Excel VBA, saving three hours per case by eliminating manual inputs.
- Actively underwrote hundreds of business proposals resulting in millions of dollars in revenue.
- Effectively maintained a \$10M+ inforce block and contributed to being named the best region.
- Participated as a key UAT tester in two new ventures, which resulted in bug free releases.

### Intern | Univision | June 2013 - June 2014

- Located vendors/manufacturers with the most competitive prices reducing the cost per unit.
- Successfully negotiated lower/no shipping costs on placement of orders, lowering expenses.
- Assisted in on-time payment of outstanding balances to vendors.

## Education

### Software Engineering | App Academy | May 2017 - July 2017

- 12-week rigorous 1000-hour full-stack web development bootcamp with < 3% acceptance rate. The course highlighted OOP, algorithms, pair programming, TDD, time/space complexity, etc.

### BBA Risk Management and Insurance | Temple University | August 2011 - May 2014

- GPA: 3.54/4.0