

# Garbo Cheng Ye

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[AngelList](#)

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[github](#)

## Skills

Ruby, Ruby on Rails, JavaScript, Java, C++, Python, jQuery, React.js, Redux, SQL, Git, HTML5, CSS3, PHP, CakePHP

## Education

**University of Virginia** (Spring 2015)

BS - Computer Science, Minor - Engineering Business, GPA 3.5/4.0

**App Academy** (Fall 2018)

1000-hour immersive full-stack software development course with <3% acceptance rate

## Projects

**Sports With Strangers (JavaScript, React/Redux, CSS3, HTML5, Ruby on Rails)**

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

A website clone of TeaWithStrangers that allows users to join and host events

- Implemented logic using Rails associations to display events based on whether user has joined, hosted or waitlisted an event
- Utilized Google Maps API to display location of events using given event address
- Built website UI to seamlessly render React components by using AJAX to receive information from PostgreSQL database
- Designed website to be RESTful by using Ruby on Rails
- Connected Ruby on Rails Active Storage with AWS S3 to store users' profile pictures in a remote and secure buckets

**Defend Your Home (Javascript, HTML5)**

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

A 2D game based on classic defending the castle game

- Implemented collision logic and used geometric equations to simulate gravity and wind effects.
- Displayed animated images using requestAnimationFrame and sprite sheets
- Used HTML5 Canvas methods such as rotate and translate method to display rotation effects for different displaying of wind direction and cannon rotation.

**Roamy (MongoDB, Express.js, React.js, Node.js)**

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

An interactive map application that allows users to see a defined area they can travel on a given time frame

- Implemented functionality to track and display favorite places on Google Maps
- Utilized geolocation to show user's current location
- Used Google Maps Places API to retrieve places that match given address or name of places

## Experience

**Back End Web Development Intern**

Wrevel, Inc.

Jun 2014 - Aug 2014

- Developed RESTful Web API using the PHP Framework, CodeIgniter
- Implemented features that allowed user to search, create, join, and update events on MySQL database

**Assistant Store Manager**

Hong Kong Trading

Jul 2015 - Dec 2017

- Reduced cost by more than 20% yearly by keeping track of inventory and restructuring store items organization to reduce loss from theft
- Coordinated with other members of the company to ensure that product deliveries are made on time
- Supervised 5+ staff members to ensure quality of service and customer satisfaction