

# Kevin Casey

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## EDUCATION

**University of California, Berkeley**

**B.S. Expected May 2016**

**Major:** Electrical Engineering and Computer Science

**GPA:** 3.9

### **Relevant Coursework:**

Software Engineering, Artificial Intelligence, Computer Security, Algorithms, Data Structures, Machine Structures, Macintosh Developers for OS X, Operating Systems, Mobile Entrepreneurship

## EXPERIENCE

**Godaddy - Software Engineering Intern**

**Summer 2014**

- Worked on the Online Store product, which is built from Spree in Ruby on Rails
- Implemented Google Analytics tracking across the site in order to help make business decisions
- Supported Phase 1 internationalization by allowing merchants to change country, currency, date format and weight measurement systems.
- Added translation capacities onto the storefront so that themes can be internationalized.
- Created Spree Plugins extension - [github.com/godaddy/spree\\_plugins](https://github.com/godaddy/spree_plugins)

**Facebook Open Academy**

**Spring 2014**

- Invited by Berkeley Professor Armando Fox to attend Facebook's Open Academy Program
- Worked with a team of students from universities around the world to contribute to Rails with the help of experienced mentors.

## PROJECTS

**Community - [github.com/skleung/Community](https://github.com/skleung/Community)**

**Summer 2014**

- Designed to automate splitting the cost of buying ingredients for home cooked meals. Ruby on Rails
- User records which diners/ingredients were at a meal and we estimate how much of each ingredient was used at a meal to compute the cost of meals. Integrates with Venmo for easy payment

**Pacman Contest - CS188 Artificial Intelligence**

**Spring 2014**

- 1<sup>st</sup> place winner in a contest of multi agent competitive capture the flag. Python.
- Utilized MST approximation to cluster food pellets (flags) and dynamic programming in order to compute a trap table on startup to assist in choosing the best moves.

**Hack FSM (Free Speech Movement)**

**April 2014**

- 1<sup>st</sup> place winner in a weeklong hackathon hosted by the Bancroft Library at Berkeley.
- Designed a Python Bottle frontend to pull data from the SOLR based digital archive
- Integrated a calendar and parsed through various fields/images/audio clips to respond to user searches

**Photo Evidence Gallery - [github.com/cs169-2013/photo\\_evidence\\_gallery](https://github.com/cs169-2013/photo_evidence_gallery)**

**Fall 2013**

- Developed a Ruby on Rails application for the Bay Area Mountain Rescue Unit that is a secure photo repository to quickly share law-enforcement sensitive information.
- Used Agile development to implement features like cropping, rotation, batch uploads, geotagging

## Activities

**HKN - EECS Honors Society - Computing Services Officer**

**Fall 2013 - Spring 2014**

- Did full stack development for the Ruby on Rails HKN website - [hkn.eecs.berkeley.edu](http://hkn.eecs.berkeley.edu)
- sysadmin - Maintained servers, user accounts, and mailing lists

## Skills

Programming Languages - Ruby, Javascript, HTML, CSS, C, Objective C, Python, Java

Frameworks - Rails, Google App Engine, Meteor