

# Kevin Casey

(408) 477-6092 | kacasey@berkeley.edu | kacasey.me

## 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, Operating Systems, Data Structures, Machine Structures, Macintosh Developers for OS X, Mobile Entrepreneurship

## EXPERIENCE

**Facebook** - *Software Engineering Intern*

**Summer 2015**

- Worked on the iOS News Feed Team
- Improved the offline capabilities of all table/collection views in Facebook iOS

**CS169 Software Engineering** - *Graduate Student Instructor*

**September 2014 - May 2015**

- Taught CS169 at Berkeley. Lead discussions sections, weekly team meetings and created tutorials
- Mentored 7 teams of 4-6 people with node, Django rails, iOS, Android and HTML by discussing best practices, bugs and team decisions

**Godaddy** - *Software Engineering Intern*

**Summer 2014**

- Developed on the Online Store product built on top of Spree in Ruby on Rails

**Facebook Open Academy** - *Open Source Contributor*

**Spring 2014**

- Collaborated with a team of students from universities around the world to contribute to the open source framework rails, with the help of mentors from the rails core team

## PROJECTS

**studywithme** - <https://github.com/Fortisque/studywithme>

**October 25th 2014**

- Winner of STC mobile app competition
- Built a native iOS app designed to allow students to find and create relevant study groups
- Launched the app on App Store under UC Berkeley name

**Build it Break it Fix it**

**September 2014**

- 1st place winner in security hackathon.
- Built a secure log file that describes the state of an art gallery in Python
- Used AES encryption, a magic, a MAC in the form of sha256 hash and a JSON "database"

**Pacman Contest - CS188 Artificial Intelligence**

**Spring 2014**

- 1st 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**

- 1st 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

## 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 - Objective C, Ruby, Python, Javascript, HTML, CSS, C, Java

Frameworks - Rails, Google App Engine, Meteor