

Kevin Casey

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EDUCATION

University of California, Berkeley

B.S. Expected May 2016

Major: Electrical Engineering and Computer Science

GPA: 3.85

Relevant Coursework:

Software Engineering, Artificial Intelligence, Machine Learning, Computer Security, Algorithms, Operating Systems, Networking, 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
- 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