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, 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
- 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