

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

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

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

October 25th 2014

- 3rd place in the Code 4 Cal mobile hackathon. Used built.io for the backend and Objective-C.
- Built a native iOS app designed to allow broadcasting and finding relevant study groups
- Handles login, managing classes, creating study groups, and a map/table view of relevant study groups

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 - Ruby, Javascript, HTML, CSS, C, Objective C, Python, Java
Frameworks - Rails, Google App Engine, Meteor