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, Microelectronic Circuits, Operating Systems

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

Community – 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**
- 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

Photo Evidence Gallery – 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
- 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