**EDUCATION**

|  |  |
| --- | --- |
| **University of California, Berkeley** | **May 2016** |
| Major: Electrical Engineering and Computer Science GPA: 3.9 | |
|  |  |
| **Relevant Coursework:** |  |
| Data Structures, Machine Structures, Software Engineering, Artificial Intelligence, Computer Security, Algorithms (CS170), Macintosh Student Developers for OS X, Microelectronic Circuits, Operating Systems, Signals and Systems  **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 programming multi agent competitive capture the flag game. 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.   **Photo Evidence Gallery – github.com/cs169-2013/photo\_evidence\_gallery Fall 2013**   * Developed a Ruby on Rails application for Bay Area Mountain Rescue Unit that is a secure photo repository to quickly share law-enforcement sensitive information. * Used Agile development to implement features: cropping, rotation, batch uploads, geotagging | |

**EXPERIENCE**

|  |
| --- |
| **Godaddy -** *Software Engineering Intern*  **Summer 2014**   * Worked on the Online Store product, which is an extension of Spree in Ruby on Rails * Implemented Google Analytics tracking events across the site in order to help make business decisions * Supported Phase 1 internationalization (to other English speaking countries) 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 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. |

**Activities**

|  |
| --- |
| **HKN – EECS Honors Society - Computing Services Office Fall 2013 – Spring 2014**   * Full stack development for the Ruby on Rails HKN website – hkn.eecs.berkeley.edu * sysadmin - Maintain servers, user accounts, and mailing lists |
|  |

**Skills**

Programming Languages – Ruby, Javascript, HTML, CSS, C, Objective C, Python, Java

Frameworks – Rails, Google App Engine, Meteor