

Sarah Jiyun Kim

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Education:

University of California, Berkeley, Computer Science, B.A.Expected May 2016

- Regents' & Chancellor's Scholar (top 1.5% of Berkeley's admitted class)
- Basics: Data Structures (61B), Computer Architecture (61C), Discrete Math (70), Algorithms (170)
- Systems: Operating Systems (162), Compilers (164), Internet Architecture/Protocols (168), Databases (186)
- Expected Fall 2015: Parallel Computing (194-15), Computational Photography (194-26)

Work Experience:

Apple, Software Engineering InternJune 2015 - Present

UC Berkeley CS 61B (Data Structures), Head Undergraduate Student Instructor (UGSI)May 2014 - Present

- Every semester: Teach lab & discussion sections, hold office hours, proctor & grade exams
- Summer 2014: Organized lab assistants, helped instructor with logistics, built new labs infrastructure, created new labs/homework (Git & Packages, Bits, Bloom Filters) & revised others, maintained Git repos
- Fall 2014: TA under Profs. Paul Hilfinger & Josh Hug, helped instructors with logistics
- Spring 2015: TA under Prof. Josh Hug, led staff of 23 TAs and 24 readers, built website, handled logistics

UC Berkeley CS 198 (Web Design Decal), Co-Head TADec 2013 - June 2015

- TA Duties: Lead hands-on during lecture, hold office hours, read applications, grade homework/projects
- Head TA Duties: Work on website back-end to handle grading, assignment submission, attendance, and class materials (Django; wdd.io)

Lawrence Berkeley National Laboratory, Student Web Developer/DesignerDec 2013 - July 2014

- Front-end/UI designer for Genomics Division's Monarch Initiative web application (monarchinitiative.org)
- Also worked with full stack, using API calls to generate JSON objects of data for display

Organizations:

Upsilon Pi Epsilon (UPE), Nu ChapterFeb 2014 - Present

- *Candidate* (Spring 2014): Initiated into CS honors society
- *IT Committee Member* (Spring 2014): Worked on website back-end in Django (upe.berkeley.edu)

Computer Science Undergraduate Association (CSUA)Sept 2013 - Sept 2014

- *Webmaster* (Oct 2013 - Sept 2014): design and maintain website (csua.berkeley.edu)
- *Officer* (Sept 2013 - Aug 2014): plan & run events (hackathons, industry info sessions, graduate school panel, general meetings, etc.); represent CS undergraduates to EECS department & faculty
- *VP Industrial Relations* (Dec 2013 - Feb 2014): liaison between CS community and industry; recruited company sponsors for hackathons and events; helped run Spring 2014 Startup Fair with HKN & IEEE

Projects:

CS 198 Student & Instructor Portal wdd.io

CS 61B Course Website berkeley-cs61b.github.io/public_html

Personal Website sarahjkim.com

Skills: (comfort level in parentheses)

Languages: Java (5/5), Python (3/5), C/C++ (1/5), Obj-C/Cocoa (2/5), Horn (2/5), Scala (1/5), SQL (2/5), MIPS (1/5)

Web: HTML5 (5/5), CSS3 (4/5), Django (4/5), jQuery (3/5), JavaScript (1/5)

Other: Git (4/5), UNIX (3/5), Excel (3/5), LaTeX (2/5), Vim (2/5), Xcode (2/5)