

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)
Course Work: Data Structures (61B), Computer Architecture (61C), Discrete Math (70), Algorithms (170)
In Progress: Operating Systems (162), Internet Architecture & Protocols (168)

Work Experience:

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

- TA under Prof. Paul Hilfinger & Josh Hug

UC Berkeley CS 61BL (Data Structures & Programming Methodology), Head TA.....May 2014 - Aug 2014

- TA Duties: Led 12 hours of lab/week, held office hours, proctored & graded exams
- Head TA Duties: Organized lab assistants, helped instructor with logistics, created new labs infrastructure, created new labs/homework (Git & Packages, Bits, Bloom Filters) & revised others, maintained Git repos

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

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

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:

Computer Science Undergraduate Association (CSUA).....Sept 2013 - Present

- *Webmaster* (Oct 2013 - Present): 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

Upsilon Pi Epsilon (UPE), Nu Chapter.....Feb 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)

Projects:

CS 198 Student & Instructor Portal (wdd.io)

CS 61BL Course Website & Labs Infrastructure (www-inst.eecs.berkeley.edu/~cs61bl/su14/labs)

Computer Science Undergraduate Association Website (csua.berkeley.edu)

Personal Website (sarahjikim.com)

Note: For more projects, please visit sarahjikim.com/projects.

Skills:

Languages: Java (5/5), Python (3/5), C (2/5), MIPS (2/5)

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

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