

Sarah Jiyun Kim

Email: sarahjkim@berkeley.edu Website: sarahjikim.com
LinkedIn: linkedin.com/in/sarahjkim GitHub: github.com/sarahjkim

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), Operating Systems (162), Internet Architecture & Protocols (168), Algorithms (170)
- Coming Spring 2015: Compilers (164), Databases (186)

Work Experience:

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

- Every semester: Lead lab & discussion sections, hold office hours, proctor & grade exams
- Summer 2014: 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
- Fall 2014: TA under Profs. Paul Hilfinger & Josh Hug, helped instructors with logistics
- Spring 2015: TA under Prof. Josh Hug

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 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)

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 (4/5), Python (3/5), C (2/5), MIPS (1/5)

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

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