

# 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

- Will be TA under Prof. Paul Hilfinger & Josh Hug

**UC Berkeley CS 61BL (Data Structures), Head TA/UGSI** ..... May 2014 - Aug 2014

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

**UC Berkeley CS 198 (Web Design Decal) Spring 2014, Co-Head TA** ..... Dec 2013 - Present

- Teach lab section during lecture, hold office hours, answer questions through Piazza and email
- Read class applications, grade homework and projects
- New website project to handle grading, assignment submission, attendance, and class materials (Django)

**Lawrence Berkeley National Laboratory, Student Web Developer/Designer** ..... Dec 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:

**UC Berkeley Computer Science Undergraduate Association** ..... Sept 2013 - Present

- *Webmaster* (Oct 2013 - Present): designed 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 undergraduate community and industry; recruited company sponsors for hackathons and events; directed Spring 2014 Startup Fair

**Upsilon Pi Epsilon, Nu Chapter** ..... Feb 2014 - Present

- *Candidate* (Spring 2014): UPE is UC Berkeley's CS honors society
- *IT Committee Member* (Spring 2014): website back-end developer working in Django (upe.berkeley.edu)

## Projects:

Please visit my personal website (sarahjikim.com) for details on various projects I have built/worked on.

## Skills:

### **Computer Science**

Proficient In: Java, Python, Git/GitHub, LaTeX, Excel  
Experience With: C, MIPS, OpenMP, SSE Intrinsic, CUDA, Hadoop  
Planning To Learn: UNIX, Bash Scripting

### **Web Development**

Proficient In: HTML5, CSS3, jQuery, Django  
Experience With: JavaScript, sqlite  
Planning To Learn: Ruby on Rails, SQL