

# Sarah Jiyun Kim

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## Education

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**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)
- Fall 2015: Parallel Computing (194-15), Computational Photography (194-26)

## Work Experience

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

- Instruction: teach lab/discussion sections; hold office hours, proctor & grade exams
- Creation: make new labs and assignments; build websites and course infrastructure
- Logistics: lead staff of TAs, readers, and lab assistants; make announcements to students; maintain Git repos

**Apple, Software Engineering Intern** **June 2015 - Aug 2015**

- Intern on the OS X Calendar/Contacts/Reminders team; iContest code-a-thon finalist

**UC Berkeley CS 375 (Teaching Techniques for CS), Undergraduate Student Instructor** **April 2015 - Aug 2015**

**UC Berkeley CS 98/198 (Web Design Decal), Teaching Assistant** **Dec 2013 - June 2015**

- Teaching: led hands-on sessions during lecture, held office hours, graded homework/projects
- Portal: worked on Django back-end to handle grading, assignment submission, attendance, course materials

**Lawrence Berkeley National Laboratory, Student Web Developer/Designer** **Dec 2013 - July 2014**

- Front-end/UI designer for the Genomics Division's Monarch Initiative web application (monarchinitiative.org)

## Organizations

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**Upsilon Pi Epsilon, Nu Chapter (CS Honors Society)** **Feb 2014 - Present**

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

- *Webmaster* (Oct 2013 - Sept 2014): designed and maintained website (csua.berkeley.edu)
- *Officer* (Sept 2013 - Aug 2014): planned events; represented CS undergraduates to EECS department
- *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

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|--|--------------------------------------|----------------------------|
| • <b>Python 2.5 to C++98 Compiler</b>              | CS 164 (Compilers) Group Project     | <b>Jan 2015 - May 2015</b> |
| • <b>Personal Website</b>                          | sarahjikim.com                       | <b>Nov 2013 - Present</b>  |
| • <b>CS 98/198 Student &amp; Instructor Portal</b> | wdd.io                               | <b>May 2014 - May 2015</b> |
| • <b>CS 61B Course Website</b>                     | berkeley-cs61b.github.io/public_html | <b>Dec 2014 - May 2015</b> |

## Skills (comfort level in parentheses)

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- **Languages/Frameworks:** Java (5/5), Python (3/5), Objective-C/Cocoa (3/5), SQL (2/5), Horn (2/5), C/C++ (1/5)
- **Web:** HTML5 (5/5), CSS3 (4/5), Django (3/5), jQuery (3/5), JavaScript (1/5)
- **Software:** Git (4/5), Vim (2/5), Xcode (2/5), Excel (3/5), LaTeX (2/5)