

# Sarah Jiyun Gwin

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## Education

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

- Regents' & Chancellor's Scholar (top 1.5% of Berkeley's admitted class)
- Courses: Data Structures (61B), Computer Architecture (61C), Discrete Math (70), Security (161), Operating Systems (162), Compilers (164), Internet Architecture/Protocols (168), Algorithms (170), Databases (186), Parallel Computing (194-15), Computational Photography (194-26), Practical Networking (194-30)
- Received Student Award for Outstanding Leadership and Undergraduate Teaching from UC Berkeley Computer Science Division at L&S Computer Science commencement in May 2016

## Work Experience

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**Google, Senior Software Engineer** **Sept 2016 - Present**

- Platforms Hardware Development (embedded systems software team); work details under NDA

**UC Berkeley EECS Department, Lecturer in Summer Session** **June 2016 - Aug 2016**

- Co-lecturer for CS 61BL (Data Structures & Programming Methodology) with Alan Yao
- Hired staff of TAs and tutors; mentored new staff
- Led curriculum building/revision; created course policies
- Ran various course infrastructure sites ([cs61bl.org](http://cs61bl.org))

**UC Berkeley CS 61B (Data Structures), Head Undergraduate Student Instructor (UGSI)** **May 2014 - May 2016**

- Taught labs, discussions, office hours; proctored/graded exams; met with students in advising sessions
- Created assignments and course material; built course infrastructure; maintained Git repos
- Led staff of TAs, readers, lab assistants; organized staff meetings; announced course policy to students
- Received Outstanding Graduate Student Instructor Award from UC Berkeley Graduate Division in May 2016

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

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

## Organizations

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

**Computer Science Undergraduate Association (CSUA), Webmaster & Officer** **Sept 2013 - Sept 2014**

- Designed/maintained [csua.berkeley.edu](http://csua.berkeley.edu); planned events; represented CS undergrads to EECS department
- *VP Industrial Relations* (Dec 2013 - Feb 2014): recruited company sponsors for hackathons/events

## Projects

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- **Python 2.5 to C++98 Compiler** CS 164 (Compilers) Group Project **Jan 2015 - May 2015**
- **Personal Website** [sarahgwin.com](http://sarahgwin.com) **Nov 2013 - Present**

## Skills (comfort level in parentheses)

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- Languages/Frameworks: C++ (4/5), Python (2/5), Java (2/5)
- Web: HTML5 (3/5), CSS3 (3/5), Django (1/5)
- Software: Vim (4/5), Mercurial (3/5), Git (3/5), Excel (4/5), LaTeX (2/5)