

# Vivian Fang

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EDUCATION	<b>University of California Berkeley</b> Aug 2015 – May 2019 (expected) B.S. Electrical Engineering and Computer Science • Major GPA: 4.00   Overall GPA: 3.92 ‣ In Progress: CS 168 (Networks), CS 61C (Machine Structures, C), CS 70 (Discrete Math) ‣ Completed: CS 61B (Data Structures, Java), CS 61A: (SICP, Python), EE 16A (Designing Info. Devices & Systems I)
AWARDS	<b>Dean's Honors</b> , UC Berkeley, College of Engineering Fall 2015 – now ‣ Overall GPA in the top 10% of all College of Engineering undergraduates. <b>Leadership Award</b> , Cal Alumni Association 2015
WORK EXPERIENCE	<b>Research Apprentice</b> , UC Berkeley NetSys Lab Jun 2016 – now ‣ Principal Investigator: Scott Shenker ‣ Developing Quilt, a container orchestrator that simplifies creation and modification of distributed systems. Improved usability, revised testing framework, and currently upgrading support for applications. ‣ Using Go. quilt.io <b>Undergraduate Student Instructor (CS 61A)</b> , UC Berkeley Jun 2016 – now ‣ Responsible for leading discussion and lab sections, helping with writing and grading exams, holding office hours, and answering questions on a web forum. <b>Software Engineering Intern</b> , University of Hawaii Cyberinfrastructure Jun 2015 – Aug 2015 ‣ Developed web-based UI for scientists to monitor usage of the university's supercomputer. ‣ Used Django, D3.js, SQL, and Foundations.
ACTIVITIES	<b>Webmaster</b> , Association of Women in EE&CS Jan 2016 – now ‣ In charge of updating club website inst.eecs.berkeley.edu/ auwicsee. <b>Website Committee Member</b> , CS KickStart Aug 2016 – now ‣ Selective 1-week program that engages incoming UC Berkeley women in computer science. Former participant. ‣ Revamped cs-kickstart.berkeley.edu using Bootstrap framework.
PROJECTS	<b>Text Editor</b> Feb 2016 – Mar 2016 ‣ Text editor that supports word-wrap, resizing, and opening/saving files. ‣ Built on Java with JavaFX. vivian.tk/text-editor <b>Pic-y Eats</b> Feb 2016 ‣ Social media web application that allows pictures to be uploaded during a time window. ‣ Used Flask and Bootstrap. Deployed on Microsoft Azure. github.com/secant/hourly
SKILLS	<b>Comfortable with:</b> Go, Python, Java, HTML, CSS, Bootstrap <b>Experience in:</b> Scheme, SQL, JS, D3.js, Flask, <del>TeX</del> <b>Software/OS:</b> Git, Adobe CC (Photoshop, InDesign), Microsoft Office, Linux, OS X, Windows

[Updated 2016-08-23]