Vivian Fang

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EDUCATION

University of California, Berkeley Aug. 2015 – May 2019 (expected)

B.S. Electrical Engineering and Computer Science // Major GPA: 4.00
In Progress: Networks, Machine Structures (C), AI, Discrete Math
Completed: Data Structures (Java), Struct. & Interp. of Programs (Python), Designing Info. Devices & Systems I

AWARDS

Dean's Honors, UC Berkeley, College of Engineering
Overall GPA in the top 10% of all College of Engineering undergraduates.

Leadership Award, Cal Alumni Association

WORK EXPERIENCE

Research Apprentice, UC Berkeley NetSys Lab June 2016 – now

Developing Quilt, a container orchestrator that simplifies creation and modification of distributed systems.
Improved usablity, revised testing framework, and currently upgrading support for applications. Using Go.
Principal Investigator: Scott Shenker.

Undergraduate Student Instructor (CS 61A), UC Berkeley June 2016 – now

Responsible for leading discussion and lab sections, helping with writing and grading exams, holding office hours,
recording walkthrough videos, and answering questions on a web forum.

Software Engineering Intern, University of Hawaii Cyberinfrastructure May 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

Webmaster, Association of Women in EE & CS Jan. 2016 – now

In charge of updating club website `inst.eecs.berkeley.edu/~auwicsee`.

Website Committee Member, CS KickStart Aug. 2015 – 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

Text Editor Feb. 2016 – Mar. 2016

Text editor that supports word-wrap, resizing, and opening/saving files. Built on Java with JavaFX.
`vivian.tk/text-editor`

Pic-y Eats 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

Comfortable with: Go, Python, Java, HTML, CSS, Bootstrap
Experience in: Scheme, SQL, JS, D3.js, Flask, LaTeX
Learning: C, Assembly
OS/Software: Git, Adobe CC (Photoshop, InDesign), Microsoft Office, Linux, OS X, Windows

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