

# Peter E. Xu

peterxu30@berkeley.edu | Phone: (510) 585-7975  
Website: peterxu30.github.io | Github: github.com/peterxu30  
Address: 2700 Hearst Avenue, Berkeley, CA 94720

## Education

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### University of California, Berkeley

B.A. Computer Science, expected May 2018

GPA: 3.8

Relevant Coursework: Structure & Interpretation of Programs, Linear Algebra & Differential Equations, Multivariable Calculus, Data Structures, Discrete Math & Probability Theory, Practical Programming

### Mission San Jose High School

June 2014

GPA: 3.925, SAT: 2370

## Skills

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Proficient in Java, Python, Scheme, SQLite, HTML, CSS, Git, Microsoft Office, Adobe Photoshop, and Adobe InDesign.

## Work Experience

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### CS61A Lab Assistant, Berkeley, CA

January 2015 - Present

*Lab Assistant for the Structure and Interpretation of Programs class*

- Help students with lab work and in understanding the Python language and course concepts.

### Undergraduate Research Apprenticeship Program, Berkeley, CA

September 2014 – December 2014

*Technical Staff Member for Professor Elizabeth Honig (Art History)*

- Worked with technical staff on improving user interface and browsing functionality on website for Flemish painter Jan Brueghel.
- Devised improved designs and templates for upcoming website on Flemish painter Peter Brueghel in order to provide a knowledge base to facilitate art historians' research.

### Academic Talent Development Program, Berkeley, CA

June 2013 – July 2013

*Teaching Assistant – Elements of Web Design Class*

June 2014 – July 2014

- Managed group of five students. Counseled students one-to-one and ensured mastery of concepts.

### The Smoke Signal (High School Paper), Fremont, CA

*Arts & Entertainment Editor*

September 2013 – June 2014

- In charge of Arts & Entertainment section of the paper, e.g.:
  - Controlled layout and design of the section, using Adobe Photoshop and Adobe InDesign.
  - Chose which stories to run each issue. Assigned and managed writers for A&E stories.

*Staff Writer*

September 2012 – June 2013

- Wrote stories for various sections of the paper such as album reviews for Arts & Entertainment.

### FIRST Tech Challenge – Team 5151 Infinity, Fremont, CA

September 2011 – June 2014

*Captain*

- Led Team 5151 through three seasons of the FIRST Tech Challenge robotics competition.
- Directed team in design and programming, documented progress in engineering notebook.

## Projects

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### Fibbage Hot Seat

- A terminal-based hotseat version of the Xbox One trivia game *Fibbage*. Developed as a solo project at a beginner hackathon. Built in Python.

## Interests

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Currently taking The Art of Erhu (Chinese violin) class and is extremely excited about it. Enjoys running and reading hard science fiction (specifically Arthur C. Clarke), but not simultaneously.