

Peter E. Xu

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Address: 2700 Hearst Avenue, Berkeley, CA 94720

Education

University of California, Berkeley
Computer Science, May 2018
GPA: 3.8

Relevant Coursework:

- Structure and Interpretation of Programs
- Linear Algebra & Differential Equations
- Multivariable Calculus

Mission San Jose High School
June 2014
GPA: 3.925, SAT: 2370

Work Experience

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 – Present
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 September 2013 – June 2014
Arts & Entertainment Editor

- 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, e.g.:
 - Led team in design and build, documented progress in engineering notebook.

Projects

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.

Skills and Interests

Proficient in Java, Python, Scheme, SQLite, HTML, CSS, Git, Microsoft Office, Adobe Photoshop, and Adobe InDesign. Enjoys running and reading hard science fiction (specifically Arthur C. Clarke), but not simultaneously.