

Christopher Zhang

2230 Haste Street #109 Berkeley, CA
(510) 402-3585

chris.zhang@berkeley.edu
www.chriszhang.xyz

EDUCATION

University of California, Berkeley	May 2018
B.S., Electrical Engineering & Computer Sciences	GPA: 3.23
Mission San Jose High School, Fremont, CA	June 2014
	GPA: 3.80

RELEVANT COURSEWORK

Data Structures and Programming Methodology, Great Ideas in Computer Architecture, The Structure and Interpretation of Computer Programs, Discrete Mathematics and Probability Theory, Structure and Interpretation of Systems and Signals, Introduction to Microelectronic Circuits

PROJECTS

Gitlet	July 2015
<ul style="list-style-type: none">• A simpler version of Git with many of its local functionalities such as commit, branch, merge, etc• Implemented a practical application of trees, hash maps, and serialization	
Sliding Block Puzzle	August 2015
<ul style="list-style-type: none">• Utilized breadth first search and Manhattan distance heuristic to solve sliding block puzzles efficiently	
Personal Website	August 2015
<ul style="list-style-type: none">• Strengthened understanding of web development with the Bootstrap 3 framework and HTML/CSS	
Word Clock	June 2015
<ul style="list-style-type: none">• Built a barebones “Arduino” board with ATmega microcontroller, shift registers, driver ICs to keep track of time and light up the correct LEDs on the clock face	

EXPERIENCE

Combustion Analysis Lab, Berkeley, CA	July—August 2013
<ul style="list-style-type: none">• Interned under Professor Robert Dibble to obtain and analyze data on the performance of an HCCI engine• Directly in charge of monitoring the levels of substances in the engine’s exhaust gas• Learned how to operate a Horiba gas analyzer and work with LabVIEW	
Badminton Coach, Fremont, CA	Summer 2011—2014
<ul style="list-style-type: none">• Instructed and led summer programs teaching students how to compete in badminton at a national level• Developed vital communication skills to organize and instruct students effectively	
Private Tutor, Fremont, CA	September 2013—August 2014
<ul style="list-style-type: none">• Taught AP and honors level mathematics and physics• Facilitated understanding of complex ideas and expedited my students’ learning processes	
Washington Hospital Volunteer Service, Fremont, CA	April—December 2013
<ul style="list-style-type: none">• Worked at the lobby desk as a liaison between patients and the hospital staff• Assisted visitors and transported confidential documents and pharmaceuticals	

ACTIVITIES

Equipment Manager, Cal Badminton	June 2015—Present
<ul style="list-style-type: none">• Represented the face of Cal Badminton in meetings and conferences• Reached out to other businesses and made sure the equipment needs of the club were met amply• Former captain of United Badminton Club’s elite team	
Lab Assistant, Data Structures and Programming Methodology	August 2015—Present

SKILLS

Languages: Java, C, Python, SQL, Scheme, Matlab, HTML/CSS
Computer: AutoCAD, Microsoft Office, Photoshop, Illustrator
Interests: Food enthusiast, weightlifting, reading, Tough Mudder finisher