

Gary Cheng

2455 Hilgard Ave, Unit 11, Berkeley, CA 94709
www.garycheng.me • (989) 854-5888 • garycheng@berkeley.edu

EDUCATION	UNIVERSITY OF CALIFORNIA, BERKELEY B.A. in Computer Science (Cum. GPA 4.0), Coursework: Data Structures, Structure and Interpretation of Computer Programs, Lin. Algebra & Diff. Eq, Discrete Math & Probability Current: Algorithms, Machine Structures <ul style="list-style-type: none">Awarded place on the Dean's List (Fall '15, Spring '16)	May 2019
LANGUAGES	Proficient in: Java, Python, Swift (iOS), SQL, Scheme Familiar with: HTML, CSS, JavaScript	
WORK EXPERIENCE	CO-FOUNDER , Photo Pizza Berkeley, California <ul style="list-style-type: none">Developing an iOS app in Swift that allows users to share the photos they have taken with one another as they travel together in low-bandwidth areas, still in developmentPitched to VCs at the European Innovation Academy accelerator CS61A TUTOR Berkeley Computer Science, Berkeley <ul style="list-style-type: none">Teaching students key concepts from Structure & Interpretation of Computer Programs (CS61a) one on one, worked in office hours and labs to provide additional help PHYSICS RESEARCH ASSISTANT CMU Physics, Mt. Pleasant, MI <ul style="list-style-type: none">Researched thermoelectric properties of tin clathrates, ultimately identifying the effects of electron doping on thermal and electric conductivity	July '16 – present Jan '16 – May '16 May '14 – Aug '15
PROJECTS	FAIR TRADE UPDATE <ul style="list-style-type: none">Worked with Fair Trade USA to develop a front end email sending/parsing Python software that enhanced communication to producers in third world countriesUtilized SendGrid and REST API to meet target functionality TEXT EDITOR <ul style="list-style-type: none">Created a text editor from scratch using Java and JavaFX, implemented features such as undo, redo, word wrap, and saving	
LEADERSHIP	OFFICER , Hackers@Berkeley Berkeley, CA <ul style="list-style-type: none">Reorganized leadership structure to insure continuation of the club, introduced Trello as a task manager tool for the team to useManaged all operations for Hacker Fair, coordinated with our sponsor Facebook, recruited presenters from campus CO-FOUNDER , Berkeley Builds Hackathon Berkeley, CA <ul style="list-style-type: none">Partnered with non-profits from the bay area, recruited students to build products for these non-profitsEstablished this as an annual social good hackathon to take place again Spring 2017 on Berkeley Campus	Aug '15 – present Aug '15 – present