Gary Cheng

2455 Hilgard Ave, Unit 11, Berkeley, CA 94709
www.garycheng.me • 1 (989) 854-5888 • garycheng@berkeley.edu

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY   **May 2019**
B.A. in Computer Science (Cum. GPA 4.0),
Coursework: Data Structures, SICP, Discrete Math & Probability
Current: Algorithms, Machine Structures
- Awarded place on the Dean's List (Fall '15, Spring '16)

LANGUAGES

Proficient: Swift (iOS), Java, Python, SQL, Scheme
Familiar: HTML, CSS, JavaScript, Node.js

PROJECTS

ROOMMATE BOT
github.com/garyxcheng/roommate_messengerbot
- Using Facebook webhooks, Node.js, and a Heroku Postgres database to create a Facebook messenger bot that tracks grocery lists, debts, and reminders of roommates

VUEPAL, in development   **July '16 – present**
facebook.com/vuepal
- Developing an iOS app using Swift and Firebase that allows users to share the photos they have taken with one another as they travel together in low-bandwidth areas
- Pitched to VCs at the European Innovation Academy accelerator

FAIR TRADE UPDATE
github.com/garyxcheng/fairtradeupdate
- Worked with Fair Trade USA to develop a front end email sending/parsing Python software that enhanced communication to producers in third world countries

EXPERIENCE

CS61A TUTOR   **Jan '16 – May '16**
Berkeley Computer Science, Berkeley
- 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   **May '14 – Aug '15**
CMU Physics, Mt. Pleasant, MI
- Researched thermoelectric properties of tin clathrates, ultimately identifying the effects of electron doping on thermal and electric conductivity

LEADERSHIP

OFFICER, Hackers@Berkeley   **Aug '15 – present**
Berkeley, CA
- Organized and presided over officer meetings, restructured leadership structure to ensure continuation of the club
- Managed all operations for Hacker Fair 2015, coordinated with our sponsor Facebook, recruited presenters from campus

CO-FOUNDER, Berkeley Builds Hackathon   **Aug '15 – present**
Berkeley, CA
- Partnered with non-profits from the bay area, recruited students to build products for these non-profits
- Helped establish this as an annual social good hackathon to take place again Spring 2017 on Berkeley Campus