

# Zhiwei Zhang

unit3, 199 WilliamManly Street, San Jose, CA

(415) 872-2351 | [zhiweizhang2012@berkeley.edu](mailto:zhiweizhang2012@berkeley.edu) / [zhiweizhang2012@gmail.com](mailto:zhiweizhang2012@gmail.com)

LinkedIn: <http://www.linkedin.com/in/zhiwei-z-940645b4>

## EDUCATION

---

### Freshman (Academically JUNIOR) at UC Berkeley

**GPA: 4.0**

- Classes taken:
  - Data Structure, Programming Methodology, Electrical Engineering, Discrete Math, Linear Algebra, Machine Structure, Efficient algorithms.
- Classes in next semester (spring 2019):
  - Graduate Algorithms, Real Analysis, Intro to AI, Probability and Random Process, Theoretical CS Reading Group.

## HONORS AND AWARDS

---

- USA Computing Olympiad Gold
- Qualification for AIME, AMC Winner, various awards in smaller math competitions
- Silver Medalist in USA Physics Olympiad (Around top 100).

## ACADEMIC EXPERIENCE AND PERSONAL PROJECTS

---

### Google Foobar Challenge

Sep - Nov, 2017

- Passed all 5 levels of programming questions
  - Topic covers BFS, Bellman-Ford, Max Flow, XOR computation, group theory (Polya Enumeration Theorem), etc.
  - Spend around 100 - 200 hours in total

### Battery-Recycle App

Fremont, CA

*Developer of an iOS app for electronic-waste recycle*

April - October 2017

- Customers can leave e-waste at door step and request pickups
- Volunteers can view nearby requests and help pick them up
- Use database (AWS) to keep track of the customer and volunteer activities

### Theoretical CS Notes (<https://github.com/Zhiwei-Z>)

UC Berkeley

- Read a variety of books and take down theoretical notes
- Topics include Matroids, Parity Learning, Load Balancing, etc.

## TECHNICAL SKILLS

---

Fluent in Java, Python, Latex, Capable of using C, Html, RISC-V