

# Tina Zhao

tinazhao@berkeley.edu ~ (626) 829-3431 ~ [github.com/tinayzhao](https://github.com/tinayzhao) ~ [linkedin.com/in/tina-ying-zhao](https://linkedin.com/in/tina-ying-zhao) ~ [tinayzhao.com](https://tinayzhao.com)

## Education

University of California,  
Berkeley, Class of 2020  
Computer Science, B.A.

## Courses (\*in progress)

- Data Structures
- Machine Structures
- Efficient Algorithms and Intractable Problems
- Linear Algebra and Differential Equations
- Operating Systems and Systems Programming
- Principles and Techniques of Data Science

## Skills

- Python
- Git
- Java
- HTML/CSS
- C
- Javascript

## Organizations

### Codeology

- Fall 2019: Project Manager
- Fall 2018-Spring 2019: Project Leader

### Computer Science Mentors

- Fall 2019: Tech Committee Senior Mentor
- Spring 2019: Tech Committee Junior Mentor
- Fall 2018: Data Structures Associate Mentor

- Spring 2018: Data Structures Junior Mentor

### Food Science and Tech at Cal

- Fall 2018-Spring 2019: Vice President & Web Master

## Experience (\*current position)

June 2019 - Present

### \*Full Stack Developer Intern ~ IBM

- Building cloud-based view for internal dashboard using ReactJS and IBM Cloudant to facilitate daily agile playback meetings.
- Performing end-to-end research, design, and implementation for IBM Cloud.

June 2018 - August 2018

### Data Science Intern ~ Golden

- Optimized volunteer event creation by performing data analysis on volunteer retention factors to develop time and location recommendations for users creating volunteer opportunities.
- Saved hours of time by cleaning and joining data on volunteer timeslots, location, and opportunities for future use.

August 2018 - May 2019

### Project Leader ~ Codeology

- Fall 2018: Developed and led the educational 4-week project Automate Your Job Search to teach club members about web-scraping, basic database management, APIs, and Git.
- Spring 2019: Leading the backend team to build an NLP-based chatbot for the semester-long project Crave, an iOS app designed to help the user discover new restaurants based on their location and food preferences.

January 2019 - May 2019

### Undergraduate Student Instructor ~ Data Structures

- Leading office hours, discussion, and lab for over 100 students on a weekly basis.
- Developing online course notes that assist over 1500 students in reviewing course concepts weekly.

## Projects (\*private repo)

### \*Gitlet ~ Java

- A lite version control system based off features of git.
- Includes commits, commit logs, status checks, merging, and remote backup.

### Job Search Automation ~ Python

- Increased the efficiency of job searching for over 80 club members.
- Designed to automatically web-scrape using Requests, BeautifulSoup, and Selenium for job opportunities and incorporates SQLite3 databases and the Airtable API to organize the information in an accessible way.