

Tina Zhao

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

Organizations

Codeology- Project Leader
Computer Science Mentors -
Spring 2019: Tech Committee
Junior Mentor
Fall 2018: Associate Mentor
Spring 2018: Junior Mentor
Food Science and Tech at
Cal - Vice President & Web
Master

Experience

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 - Present

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 - Present

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.

Personal Website ~ HTML/CSS

- Can be viewed at <https://tinayzhao.com>.
- Personal website designed from scratch using HTML, CSS, and Javascript.

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.