

Tina Zhao

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Education

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

Courses (*in progress)

Data Structures, Great
Ideas in Computer
Architecture, Efficient
Algorithms and
Intractable Problems,
Linear Algebra and
Differential Equations,
*Operating Systems
and Systems
Programming,
*Principles and
Techniques of Data
Science

Skills

Python	<div></div>
Java	<div></div>
C	<div></div>
HTML/CSS	<div></div>
Javascript	<div></div>
Git	<div></div>

Organizations

Codeology- Project Leader
Computer Science Mentors -
Associate Mentor
Food Science and Tech at
Cal - Vice President & Web
Master

Experience

June 2018 - August 2018

Data Science Intern ~ Golden

- Cleaned and joined data on volunteer timeslots, location, and opportunities.
- Analyzed volunteer retention factors such as location, organization, and timeslots to develop time and location recommendations for users creating volunteer opportunities.

June 2018 - Present

Project Leader ~ Codeology

- Fall 2018: Developed and led the educational 4-week project Automate Your CS Job Search to teach 7 club members about web-scraping, basic database management, APIs, and Git.
- Spring 2019: Currently 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)

December 2017

*Gitlet ~ Java

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

Spring 2018 - Present

Personal Website ~ HTML/CSS

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

June 2018 - August 2018

Automate Your CS Job Search ~ Python

- Web-scraped webpages using Requests, BeautifulSoup, Headless Chrome, and Selenium to obtain information on job opportunities.
- Incorporated SQLite3 databases and the Airtable API to organize information in an accessible way.