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
- 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 the IBM Watson Cloud Platform.

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: Led 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
- Led office hours, discussion, and lab for over 100 students on a weekly basis.
- Developed 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.