

Erin Liu

erinyliu@berkeley.edu | 408-507-6169 | LinkedIn: erinyliu

1234 Boba Lane, Milk Tea, CA

EDUCATION

University of California, Berkeley

Berkeley, CA

Bachelor of Arts in Data Science

Expected December 2021

Relevant Coursework: Structure and Interpretation of Computer Programs, Data Structures and Algorithms, Foundations of Data Science, Linear Algebra & Differential Equations, Microeconomic Theory

Languages & Libraries: Python, SQL, R, Java, Numpy, Pandas, Jupyter

EXPERIENCE

Berkeley Engineers and Mentors

Berkeley, CA

Mentor

February 2019 - Present

- Teaching weekly lessons involving lab activities with a focus on science and engineering topics in up to 18 underprivileged elementary and middle schools in the Berkeley and Oakland neighborhoods
- Mentor kids in low-income areas and inspire them to work toward their education and pursue careers in STEM

Data Science Society

Berkeley, CA

Project Analyst

February 2019 - Present

- Working on a team project to research and analyze data sets to be presented at annual Berkeley Research Symposium

Asian America Foundation

San Francisco, CA

Developer Consultant

December 2018 - Present

- Worked closely with organization director to examine problems with manual score-keeping process
- Developed a potential strategy to create a digital solution to streamline the scoring process
- Planned meetings with organization president to create prototype algorithms for application
- Proposed to launch testing of new application for testing by 2nd Quarter of 2019

UC Berkeley

Berkeley, CA

CS 61A Lab Assistant

Aug 2018 - Dec 2018

- Assisted teaching weekly lab sections and provided explanations to technical concepts in python
- Held office hours to assist students with homework, labs, and project assignments
- Conducted weekly check in with the class to ensure understanding of the materials taught
- Mentored students to overcome and ameliorate disappointment in preliminary class performances

PROJECTS

- **Gitlet:** Built a smaller version-control system similar to git
- **Chatbot Queries:** Sorted a list of 4000 entries to determine the top 10 most asked queries for a Japanese AI chatbot startup to better cater to traveler's needs

ADDITIONAL INVOLVEMENT & ACHIEVEMENTS

- 2017 AT&T Miss Innovation
- 2nd Place Business Ethics, 2016 FBLA National Leadership Conference
- DataBears
- Statistics Undergraduate Student Association
- The Movement