

# JESSICA LIN

[jessical02@berkeley.edu](mailto:jessical02@berkeley.edu) | (949)245-5961 | [linkedin.com/in/jessical02](https://www.linkedin.com/in/jessical02) | [jesslin.me](https://jesslin.me)

## EDUCATION

**University of California, Berkeley** (GPA: 4.0)

**Berkeley, CA**

B.A. Computer Science

June 2020 – May 2024

*Relevant Coursework:* Data Structures (CS 61B), The Structure and Interpretation of Computer Programs (CS 61A), Foundations of Data Science (DATA 8), Designing Information Devices and Systems I&II (EECS 16A&B)

## EXPERIENCE AND LEADERSHIP

**Facebook**

**Menlo Park, CA**

*Incoming Facebook University Engineering Intern*

June 2021 – Aug 2021

- 8-week internship to learn about mobile development and create an original mobile application

**Sno-King Ice Arenas**

**Seattle, WA**

*Student Researcher*

Feb 2021 – Present

- review and analyze customer data across 10+ platforms to prepare summary report of key insights
- collect data in centralized dashboard and provide needs analysis to pivot the marketing strategy

**UC Berkeley Division of Computing, Data Science, and Society**

**Berkeley, CA**

*DATA 8 Academic Intern*

Aug 2020 – Present

- assist during weekly 1.5-hour lab sessions by addressing student questions and debugging code
- collaborate with fellow academic interns to prepare improved strategies before each lesson

**Computer Science Mentors (CSM)**

**Berkeley, CA**

*CS 88 Junior Mentor*

Jan 2021 – Present

- tutor weekly 1-hour small group sections and occasional exam prep sessions in introductory CS
- review pedagogy skills and use feedback from students and senior mentors to improve teaching

**Association of Women in EE&CS (AWE)**

**Berkeley, CA**

*Committee Member*

Sep 2020 – Present

- serve on a select body of dedicated members in AWE to facilitate club operations and events
- design social media banners and shareable graphics; outline, write, edit, and publish blog posts

## PROJECTS

**Gitlet**

*CS 61B: Data Structures*

Mar 2021

- designed and wrote a Java program to mimic Git version control, including remote functionality
- incorporated data structures, hashing, serialization, system input/output, and exception handling

**Scheme Interpreter**

*CS 61A: The Structure and Interpretation of Computer Programs*

Nov 2020

- used Python to build a command-line interpreter for Scheme by implementing natural language processing concepts, exception handling, and mutual recursion into a read-eval print loop

**Police Accountability**

*Microsoft x Pioneers in Engineering Datathon*

Sep 2020

- analyzed 15 years of Seattle Police Department data to find demographic and disciplinary trends
- implemented Microsoft Azure's text analytics package to evaluate 156 police encounter descriptions

## OTHER

- Skills:** Python, Java, NumPy, Pandas, HTML, CSS, Git, SQL, MATLAB, Adobe Illustrator
- Interests:** Teaching, Dance, Flute, Piano, Chinese, Spanish
- Awards:** Biotechnology Laboratory Assistant Certificate, National Merit Scholar Finalist