JESSICA LIN

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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, Figure Skating, Flute, Piano, Chinese, Spanish
- **Awards:** Biotechnology Laboratory Assistant Certificate, National Merit Scholar Finalist