JESSICA LIN

jessical02@berkeley.edu | (949)245-5961 | linkedin.com/in/jessical02 | jesslin.me

EDUCATION

University of California, Berkeley   **June 2020 - May 2024**
B.A. Computer Science, GPA: 4.0
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 16AB)

EXPERIENCE AND LEADERSHIP

Sno-King Ice Arenas   **Feb 2021 - Present**
Student Researcher
- 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   **Aug 2020 – Present**
DATA 8 Academic Intern
- 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)   **Jan 2021 - Present**
CS 88 Junior Mentor
- 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)   **Sep 2020 – Present**
Committee Member
- 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

Bioenno Tech, LLC   **June 2020 – Aug 2020**
Software Intern
- updated website with new customer publications and refined website design to be more accessible
- collected and analyzed customer data on Shopify for long-term marketing development

PROJECTS

Gitlet, CS 61B   **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

Police Accountability, Microsoft x PiE 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

Deep Brain Stimulation, Boston University Research in Science & Engineering   **Sep 2020**
- created computational models using MATLAB and Python to analyze the effects of deep brain electrical stimulation in patients with Parkinson's disease; presented findings in a poster symposium

SKILLS AND INTERESTS

- Skills: Python, Java, SQL, MATLAB, HTML, CSS, Adobe Illustrator, Teaching, Communication
- Interests: Dance, Flute, Piano, Event Planning, Chinese, Spanish