JESSICA LIN

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

EDUCATION

University of California, Berkeley
Computer Science, B.A.
June 2020 – May 2024
GPA: 4.0
Relevant Coursework:
- DATA 8: Foundations of Data Science (Summer 2020)
- CS 61A: The Structure and Interpretation of Computer Programs (Fall 2020)
- EECS 16A, 16B: Designing Information Devices and Systems I, II (Fall 2020, Spring 2021)
- CS 61B: Data Structures (Spring 2021)

Northwood High School (NHS)
Aug 2016 – June 2020
UW GPA: 4.0

SKILLS

Programming
- Python
- Java
- SQL
- MATLAB

Web Dev / Design
- HTML
- CSS
- Illustrator

Personal
- Teaching
- Event Planning
- Dance
- Flute
- Piano

Languages
- Chinese
- Spanish

AWARDS

- **Biotechnology Laboratory Assistant Certificate**
  Dec 2019
- **National Merit Scholar Finalist**
  Feb 2020
- **National AP Scholar**
  May 2019, May 2020
- **NHS Renaissance Award**
  May 2020
- **Math Kangaroo Competition: National Top 30, State Top 10**
  Mar 2019

EXPERIENCE AND LEADERSHIP

Student Researcher, Sno-King   **Feb 2021 – Present**
- review and analyze customer data across 10+ platforms
- prepare summary report of key customer data insights and provide full needs analysis to pivot the long-term marketing strategy
- recommend new strategic approach data management tool

Academic Intern, DATA 8   **Aug 2020 – Present**
- assist during weekly lab sessions for 1.5 hours by addressing questions, debugging code, and reporting completed labs
- prepare solutions and teaching strategies before each lesson
- collaborate with fellow leaders to propose improved strategies

Junior Mentor, Computer Science Mentors   **Jan 2021 - Present**
- tutor small group sections in introductory computer science for 1 hr
- review pedagogy skills and ask for feedback from senior mentors
- implement exam prep sessions to boost student confidence
- collect student opinions to inform structural and teaching changes

Committee Member, AWE   **Sep 2020 – Present**
- serve on a select body of dedicated members in the Association of Women in EE & CS (AWE) to facilitate club operations and events
- design swag, social media banners, and shareable graphics
- coordinate club departments and organize budget, email, and blog

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

PROJECTS

Police Accountability, Microsoft x PiE Datathon   **Sep 2020**
- carried out exploratory data analysis on 15 years of Seattle Police Department data to find demographic and disciplinary trends
- implemented Microsoft Azure's text analytics package to evaluate the descriptions of 156 police encounters for mentions of witnesses

Scheme Interpreter, CS 61A   **Nov 2020**
- used Python to build a command-line interpreter for Scheme
- incorporated natural language processing concepts, exception handling, and mutual recursion into a read-eval-print loop

Deep Brain Stimulation, BU RISE   **July 2019 – Aug 2019**
- created computational models using MATLAB and Python at Boston University's Research in Science & Engineering (RISE) program
- analyzed the effects of electrical stimulation on patients with Parkinson's disease and presented findings in a poster symposium