Jamie Ip

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EDUCATION

University of California, **Berkeley** *Berkeley, CA*

B.A in Computer Science and Data Science, 4.00 GPA *2018-2022*

- Relevant Coursework: Data Structures, The Structure and Interpretation of Computer Programs, Information Devices and Systems, Teaching Computer Science, Multivariable Calculus

EXPERIENCE

Research Intern *September 2019-Present*

Berkeley Institute for Data Science; Professor: R. Stuart Geiger

- Investigating published machine learning application papers, gathering information on the reliability of machine learning training data

Computer Science Mentors Junior Mentor *September 2019-Present*

- Providing weekly lessons, guidance, and resources to a small group of students to help foster a community of inclusivity and belonging in the Berkeley CS department

CS 370 Computer Science Tutor *January 2019-May*

- Rated an average of 4.96 / 5.0 in knowledge, 4.93 / 5.0 in supportiveness, and 4.70 / 5.0 in clarity by students after 27 individual one-on-one tutoring sessions on CS course material

CS61A Academic Intern *January 2019-May*

- Responsible for staffing weekly office hours and labs to assist and check off students

Cal Hacks 5.0 *November 2018*

- Collaboratively designed a Chrome browser extension that monitors writing tone on social media, emails, and online forums to warn its user upon detecting an excessive amount of anger

Youthphonic Cellist and Technology Manager *October 2011-2018*

- Performed music for elderly citizens in senior living centers; created and managed group website

SKILLS

- Programming Languages: Python, Java
- Graphic Design and Digital Artist: proficient with drawing tablets and software
- Consistent typing around 120 WPM
- Mandarin Chinese: conversational level
- Accomplished musician on two instruments: piano and cello

PROJECTS

Personal Website www.jamieip.com

- Designed independently using Bootstrap, HTML, and CSS

Bear Maps

- Developed the back end of a mapping application to handle zooming in and out, location searching, autocomplete query responses, and finding the shortest path between inputted points