

# 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
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## 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
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## 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
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## PROJECTS

### Personal Website [www.jamieip.com](http://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