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

EXPERIENCE

CS 370 Tutor   *January 2019-Present*
- Taught one-one-one individualized lessons to students seeking help in intro CS classes
- 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 different tutoring sessions

CS61A Academic Intern   *January 2019-Present*
- Responsible for staffing weekly office hours, helping students work through labs, and checking off students to display understanding of course content

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 if it detects inappropriate amounts of anger

Youthphonic Cellist and Technology Manager   *October 2011-2018*
- Performed music for elderly citizens at Atria Senior Living and Sunrise Senior Living centers in a quartet named Youthphonic. Set up, designed, and maintained a group website.

SKILLS

- Programming Languages: Python, Scheme, Java, HTML, CSS
- Graphic Design and Digital Artist: proficient with GIMP, Paint Tool SAI, and drawing tablets
- Accurate and consistent typing around 120 WPM
- Accomplished musician on two instruments: piano and cello
- Mandarin Chinese: conversational level

PROJECTS

Personal Website- jamieip.com
- Designed using Bootstrap, HTML, and CSS to introduce myself to web design

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

Anagrams Practice Simulator
- Created a word game practice tool that scans a word bank to display available word combinations