

Jamie Ip

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EDUCATION

University of California, Berkeley
B.A in Computer Science, 4.00 GPA

Berkeley, CA
2018-2022

- Relevant Coursework: Structure and Interpretation of Computer Programs, Multivariable Calculus
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PROJECTS

Personal Website

- Programmed from scratch using Bootstrap, HTML, and CSS

Scheme Interpreter

- Handles mathematical, define, and quote operation as well as higher order operations such as Lambda and Mu procedures

Maps

- Visualization of personalizable restaurant ratings using machine learning and the Yelp academic dataset

Anagrams Practice Simulator

- Simulation of word game Anagrams with a helper that lists all available word combinations
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SKILLS

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

Cal Hacks 5.0

November 2018

- Worked effectively with a team to create a Chrome browser extension, RageCage, that uses the IBM Watson API to monitor 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.