**Timothy Ting Hsu**

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**EDUCATION**

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

***Computer Science and Cognitive Science***

Relevant Coursework: The Structure and Interpretation of Computer Programs, Data Structures, Great Ideas in Computer Architecture (Machine Structures), Calculus, Principle of Business

**PROFESSIONAL EXPERIENCE**

**Intern | BookSelves sldfkjlksdjfsdfsdfffffffffffffffffldfjgdfgjljfgjlfdjgldfjlglkjljljljlljfffg**November 2015 – January 2016

* Assisted in the development and modeling of the company website to produce an online platform
* Assisted in implementing changes to the website using Javascript, HTML, and CSS

**Marketing Intern| Slightech ddddddddddddddddddddddddddddddddddddddddddddddddddddddddd**April 2015 – Present

* Promoted Slightech products to increase awareness before the official launch in the United States
* Produced promotional videos to send out to potential clients
* Coordinated with a team of interns to efficiently distribute work

**Projects Undertaken**

**Canfield Solitaire**

* Implemented the core functions of the game that allowed for users to play the game in Java
* Implemented a GUI that allowed users to choose between playing in the terminal or from the GUI

**Gitlet**

* Implemented a version-control system that mimics some of the basic features of Git
* Many common Git commands have been implemented such as: add, rm, commit, branch, merge, status, log, global log, checkout

**MIPS Assembler**

* Created an assembler in C that will interpret MIPS instructions
* Also used the assembler to build a Single-Cycle CPU through Logisim including the Register File, ALU, and more

**Philspel**

* Created a spellchecker in C that reads a dictionary and parses over an input to check for spelling errors
* Prints when a misspelled word is detected and inserts [sic] after the word

**LEADERSHIP AND EXTRACURRICULARS**

**ABA| Berkeley, CA**

**Internal Vice President fffffffsdfasfasfasfasdfasdfsafsafsafsafsafsadfasdfasdfasdfsadfasfasdfsdsssssasd**December 2015 – May 2016

* Served as the face of the organization to ensure professionalism within the organization
* Oversaw a cabinet of twenty-one members to produce the highest-quality product
* Organized and planned the members’ retreat to foster a sense of community within the entire organization

**ABA| Berkeley, CA**

**Media Technology and Publications Chair** December 2014 – December 2015

* Filmed and edited promotional videos to recruit students to join the organization
* Instructed Media Technology and Publications committee members on the usage of Adobe Software
* Organized the third general meeting including logistics and managing sponsors for the event

**Stock Investment Club| Milpitas, CA**

***President*** August 2012 – June 2013

* Organized cabinet meetings and evenly distributed work amongst cabinet members to maintain an organized club
* Taught club members the basic foundations of the Stock Market to prepare club members for future interest

**Awards**

**World University Games – College Olympics fffff**July 2015 – July 2015

***Athlete | Social Media Chair***

* Represented Team USA in Gwangju, South Korea in the World University Games for Badminton
* Promoted Team USA on Social Media to gain stronger support in the United States and other nations

**SKILLS AND INTERESTS**

Language: Chinese (Proficient)

Currently Learning:

Skills: Java, Python, C, MIPS HTML, CSS, Javascript, SQL, Adobe Premiere Pro, After Effects, Photoshop, InDesign, DSLR

Interests: Playing competitive badminton (Highest rank include in the U.S. for U19 events include: #25 in Boy’s Singles, #65 in Boy’s doubles, and #43 in Mixed Doubles), playing the flute, videography, photography