

Timothy Ting Hsu

2520 Hillegass Avenue Rm. 110, Berkeley, CA 94704 | (408) 910-8634 | Timothyhsu001@Berkeley.edu | HsuTimothy.com

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

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

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

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

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