

Timothy Ting Hsu

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EDUCATION

University of California, Berkeley | Berkeley, CA

Computer 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
- Picked up Swift to help resolve bugs during app development

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

Berkeley ABA App

- Built an app for the Berkeley ABA organization for its members to find resources and more
- Implemented Firebase to store data, and Maps to assist users in finding event locations
- Currently still in testing through Testflight but is anticipated to be finished by the end of the summer

SQL (Python)

- Implemented a program that would interpret SQL in Python
- Allowed users to input data into a table and retrieve the data from the table

Gitlet (Java)

- 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 (C)

- 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 (C)

- 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

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, Swift, 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