

Timothy Ting Hsu

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EDUCATION

May 2018 **UC Berkeley** **GPA: 3.3** Berkeley, CA
B.A. Computer Science
Coursework: Efficient Algorithms - in progress, Algorithms and Data Structures, Designing Information Devices and Systems, Machine Structures, Principles of Business

EXPERIENCES

Nov 2015 - **Bookselves** Berkeley, CA
Jan 2016 Web Development Intern

- Assisted in the development and modeling of the company website to produce an online platform
- Learned HTML, CSS, and Javascript to help make front end changes to the web
- Identified and helped in fixing several bugs through testing before the launch of the company app

Sept 2014 - **YouTube** Berkeley, CA
Present Content Creator

- I manage my YouTube channel which has over 1000 subscribers and has approximately 300k views
- Handles video topic brainstorming, filming, post production, and content marketing
- Works closely with Google AdSense to generate revenue for the channel

PROJECTS

Berkeley ABA App:

- Built an app in Swift for the Berkeley ABA organization so that its members can easily access user directories and event information
- Implemented Firebase to handle data storage and account authorization
- Completed beta testing and pivoted based on user feedback

Gitlet:

- Implemented a version-control system that mimics some of the basic features of Git in Java
- Learned Java application programming best practices

Spellchecker:

- Built a spellchecker in C that reads a dictionary and parses over an input to check for spelling errors

Lines Of Action:

- Wrote game logic in Java for a board game while implementing a GUI for convenient gameplay
- Implemented an AI player that can find forced wins two moves ahead

SQL:

- Wrote a Python program that interprets inputs as SQL to store and retrieve data from a table

LEADERSHIP

Dec 2015 - **Berkeley ABA** Berkeley, CA
May 2016 Internal Vice President, Media Technology Chair, and Publications Chair

- Served as the face of the organization to ensure professionalism within the organization
- Led a cabinet of twenty-one members to host high-quality events while fostering a sense of family
- Organized a members' retreat for 40+ members to strengthen bonds between members

AWARDS

July 2015 - **College Olympics (World University Games)** Berkeley, CA
July 2016 Athlete

- Represented Team USA in Gwangju, South Korea in the World University Games for Badminton
- Promoted Team USA on Social Media to strengthen support in the United States

SKILLS AND INTERESTS

Technical Skills: Python, Java, Swift, C, HTML, CSS, Javascript, Adobe Suite

Interests: I enjoy making making vidoes and managing my Youtube channel, playing badminton competitively and recreationally, mentoring my peers, hip hop dancing, and playing music