

SAM WU

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EDUCATION

University of California, Berkeley

Expected: **May 2021**

Bachelor of Art in Computer Science & Data Science

GPA: **3.60**

Relevant Coursework:

- Structure and Interpretation of Computer Programs (CS 61A); Data Structures (CS 61B); Discrete Math and Probability (CS 70)
- The Foundations of Data Science (Data 8); Principles and Techniques of Data Science (DS 100; Auditing); Intro to Teaching CS (CS 370)

Projects / Achievements:

- 2D world game created with AWT and IO API and StdDraw library in Java (win/loss algorithm, simplistic UI, and many special features)

Programming Language / Video Editing / Others:

- Python, Java, Swift, SQL, HTML + CSS; Vegas Pro; AutoCAD; Adobe Creative Cloud (Photoshop, XD, etc); Markdown, LaTeX

WORK / INTERN / EXTERN / RESEARCH EXPERIENCES

CISCO SYSTEMS, INC. | San Jose, California

SWE Extern in Enterprise Networking Group (ENG)

Mar. 2018

- Shadowed Network Engineers from the Development Team and the Development Testing Team; witnessed their work and Cisco's culture
- Learned the basics of automation in TCL and pyATS and the processes of modern networks run on Cisco's testbed hardware and platforms

GOODLY LABS | UC Berkeley, Berkeley, California

PUBLIC EDITOR Project Researcher

Jan. 2018 – Present

- Developed responsive websites for Goodly Labs and the *Liberating Archives* Project using Bootstrap 4; Developing *Public Editor* iOS app
- Formulated and implemented an algorithm to quantify the reliability of an article in regards to the severity of its mis/disinformation
- Establishing and promoting the Goodly brand as a Marketing/PR Team member by pushing for recruitment and updating online content

DATA 8 COURSE STAFF & CS 61A COURSE STAFF | UC Berkeley, Berkeley, California

Course Tutor & Academic Intern (respectively)

Jan. 2018 – Present

- Assisting TAs and GSIs in teaching their Lab Sections, proctoring exams, grading course work, and etc.
- Holding weekly Tutoring Sections and Office Hours to provide students with course advice and support student learning outcomes

RESIDENTIAL SUSTAINABILITY PROGRAM | UC Berkeley, Berkeley, California

Education Committee Intern

Sept. 2017 – Jan. 2018

- Implemented plans to create a mobile application for the program with the help of *Blueprint*
- Helped produce events such as Weigh Your Waste (with Cal Dining) and Sustainability Career Panel

CDM INVESTMENT SOLUTIONS | Downtown, Vancouver, BC

Market Surveyor

June 2014 – Sept. 2014

- Employed by *CDM Investment Solutions* (a start-up) to gather data on the preferences and beliefs of different kinds of investors
- Demonstrated patience, communication skills, and composure while interacting with strangers

VOLUNTEER / LEADERSHIP EXPERIENCE

ASCEND BERKELEY CHAPTER | UC Berkeley, Berkeley, California

Social Committee Chair

Sept. 2017 – May 2018

- Planned and facilitated retreat, social activities, and banquet for the entire organization (60+ people)
- Promoted and attended professional events such as BDO Office Tour, PwC Office Tour, EY Roundtable, etc.

CAL HACKS 4.0 | UC Berkeley, Berkeley, California

Hacker

Oct. 2017

- Utilized Google Cloud Platform's BigQuery and Cloud API and Black Rock's Aladdin API for ML and data manipulation

ECO TEAM | Pacific Spirit Regional Park, Vancouver, BC

Team Leader

May 2014 – May 2017

- Coordinated forest preservation projects (Holly Haul & Ivy Pull) under the Pacific Spirit Park Society and Metro Vancouver
- Led parties of volunteers (~4) and ensured their safety by surveying the potential hazards of the site before carrying out the tasks

SKILLS & INTERESTS

Language / Hobbies: Fluent in Mandarin, English, and French; currently learning Japanese; Cross Country, Kendo, Yoga, Piano