

# Bojin (Max) Yao

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## Experience

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### CSM Junior Mentor | UC Berkeley

January 2018 - December 2018

- Hold weekly one hour sessions and manage emailing for a group of four students in Data Structures to walk through assigned worksheets, teach class core-concepts, and answer any question related to coursework.

### Summer General Intern | OnePieceWork | San Francisco

May 2017 - June 2017

- Shadowed the startup technology company founder and management, and assisted in daily operations.
- Planned live events to promote the company's brand, generate awareness in the investor community, and target potential new customers.
- Interviewed existing clients to better understand their needs to assist management to improve company's services.
- Researched and contacted potential new clients to discuss the company's value propositions and distinguished services. And tracked data in excel model to create internal reporting for management.
- Participated in negotiations with new clients and vendors to establish long-term partnerships.
- Managed the company's social media accounts and public relations: Facebook + Twitter.
- Assisted in maintaining company's website.

### Beauty & Joy of Computing Academic Intern | UC Berkeley

January 2017 - December 2017

- Assisted students with lab practices and homework problems. Explained and taught various concepts to advance students' knowledge of computer science. Helping students with their Midterm, and Final projects. Main Language: Python3

## Projects

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### Database Project "*Node-database*"

August 2018

[Node.js + mysql] a command line based Node app, that uses a local mysql server as database, to mimic a backend interface. Features text interface, env configuration, and easy setup. | [Source Code](#)

### Personal Project "*Friend Finder*"

August 2018

[Full Stack] a small Full Stack app, inspired by social media, featured personalized api, server-side storage, and api and html routing. [Published on Heroku](#) | [Source Code](#)

### Data Structures Project "*Gitlet: version-control system*"

November 2017 - December 2017

[Java] a simplified version-control system to mimic Git. Capable of save/restore entire contents of files, view history of backups, maintain branches, and merge changes made in different branches. [Project Spec](#) | [Source Code](#)

## Education

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### University of California Berkeley

September 2016 - May 2020

Degree: Bachelor of Arts | Major: Computer Science | Overall GPA: 3.84

- **Relevant Coursework:** CS10 (Intro to Computing), CS61A (Computer Programs), CS61B (Data Structures), CS70 (Discrete Math & Probability Theory), CS61C (Computer Architecture), CS170 (Advanced Algorithms), Math54 (Linear Algebra & Differential Equations), Stat134 (Advanced Probability Theory), Math110 (Proof Based Linear Algebra)
- **Extra Curricular:**
  - UPE Member for Top 3<sup>rd</sup> Declared Computer Science majors | [More Info](#)
  - CSM Junior Mentor for Data Structures | [More Info](#)
  - Student Learning Center Tutor for lower division Maths and Stats | [More Info](#)

## Skills

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- Languages: Fluent in English and Mandarin
- Programming Languages: Java8, Python3, C, RISC-V, SQL, HTML5, CSS, Javascript6, LISP
- Technologies: Node.js, Express, Bootstrap, jQuery, RESTful API, Latex, Git, Firebase, Heroku, Microsoft Office, Apple iWork, Unix/Linux