Bojin (Max) Yao

Phone: (650) 867-4498 | E-Mail: bojinyao@berkeley.edu | LinkedIn: bojinyao | Graduation: May 2020
Github: bojinyao | Website: https://bojinyao.github.io

Education

University of California Berkeley   **May 2020**

Degree: Bachelor of Arts in Computer Science |Overall GPA: 3.78 while working part-time

- **Relevant Coursework**: Computer Programs | Data Structures | Discrete Math & Probability Theory | Computer Architecture | Advanced Algorithms & Intractable Problems | Linear Algebra & Differential Equations | Advanced Probability Theory | Proof Based Linear Algebra
- **Extra Curricular**:
    - o UPE Honor Society for Computer Science majors
    - o CSM Junior Mentor for Data Structures
    - o Student Learning Center Tutor for lower division Math and Stats

Skills

- Languages: Fluent in English and Mandarin
- Programming Languages: Java 8 | Python 3 | C | Javascript 6 | SQL | Swift 4 | HTML 5 | CSS | RISC-V(Assembly)
- Technologies: Node.js | Bootstrap | Express | jQuery | Git | RESTful API | LaTeX | Unix/Linux

Projects

Data Structures Project "*Gitlet: version-control system*"   **November 2017 - December 2017**

[Java] Developed from the ground up a simplified version-control system to mimic Git. Designed unique filing system and implemented data-structures and algorithms, such as graph traversal, to enable save/restore entire contents of files, log history of backups, maintain branches, and merge changes made in different branches.

Personal Project "*Node-database*"   **August 2018**

[Node.js + MySQL] Designed and developed a command line based Node app, that uses a local mysql server as database, to mimic an inventory backend. Features colorful text interface, env file configuration, and easy setup. Learned MySQL and how to set up its local server with MAMP; as well as learning useful Node libraries that handle I/O.

Personal Project "*Friend Finder*"   **August 2018**

[Full Stack] Designed and developed a small Full Stack app, inspired by social media, features personalized api, server-side storage, and api and html routing. Learned basic Express framework along with Heroku deployment process.

Experience

CSM Junior Mentor + Tutor at Student Learning Center | UC Berkeley   **January 2018 - December 2018**

- Run weekly sessions and lead a group of students in Data Structures to resolve assigned problems, solidify core concepts, and clarify any coursework related questions. Improve student test scores by ~30% on average.
- Instruct and assist students of various math and stats backgrounds to develop and improve mathematical maturity and problem solving skills. At least 7 hours per week.

Summer General Intern | OnePieceWork | San Francisco   **May 2017 – June 2017**

- Maintained and updated company's website using Front End programming languages and tools, and was praised for highly readable and efficient code.
- Participated in negotiations with new clients and vendors to establish long-term partnerships.
- Planned live events to promote the company's brand, generated awareness in the investor community.
- Interviewed existing clients to better understand their needs to assist management to improve company's services.
- Researched and corresponded potential new clients to discuss the company's value propositions and services. And Tracked data in excel model to create internal reporting for supervisor.

Intro to Computing Academic Intern | UC Berkeley   **January 2017 – December 2017**

- Guided students with in-lab practices and homework problems. Explained and taught various concepts to advance students' knowledge of computer science. Assisted students to design and debug Midterm, and Final projects. Main Language: Python 3