Conghao Shen

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EDUCATION

University of California, Berkeley, CA   **May 2022**
Intended Computer Science B.A. (Plan to declare in 12/2019)   GPA: 3.958/4.0
Relevant Coursework: CS61A: The Structure and Interpretation of Computer Programs
CS61B: Data Structures **CS61C:** Great Ideas of Computer Architecture (Machine Structures)
CS70: Discrete Mathematics and Probability Theory **EE16A:** Designing Information Devices and Systems **CSC8:** Foundations of Data Science

SKILLS

Languages: Proficient in Java and Python. Have coding experience in Python, Java, C, JavaScript, Typescript, PHP, SQL, Go.
Libraries: React (JS), AngularJS 1(JS), NumPy (Python), Junit

HIGHLIGHTED PROJECT & EXPERIENCE

CYBERSNAKE   Spring 2019
CS 61B: Data Structures – UC Berkeley
- Developed a multi-player game from scratch – using Java
- Cooperated with another team member using a shared repository
- Built frameworks and kernel and let the other team member write some services to add more functionalities. The kernel includes many game mechanisms such as lifecycle, timing, saving & loading, input & output, etc.
- Built various tests, including randomized tests and edge cases, to improve the quality of program

Online Survey System   Spring 2018
Personal Project
- Built a web-based survey system from scratch, using AngularJS and PHP.
- Learned how to build a single-page App by experience
- Learned how to optimize the loading time by lazy loading JavaScript files.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

UC Berkeley EECS Department   Fall 2019
Academic Intern
- Support weekly sections of 50+ students.
- Help students to debug the code and understand core concepts such as trees, heaps, asymptotic, etc.