

CINDY X ZHANG

STUDENT @ UC BERKELEY



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EDUCATION

University of California, Berkeley | 2018-2022

GPA: 4.0

Major: Computer Science

Related Courses: CS61A-The Structure and Interpretation of Computer Programs, Math 54-Linear Algebra and Differential Equations, CS61B-Data Structures, EE16A-Designing Information Devices and Systems I

SKILLS

- PROGRAMING LANGUAGES: Python, Java, SQL, Scheme (Familiar with: ruby, C#, HTML, CSS)
- Technical writing
- Graphic design

PROJECTS & EXPERIENCES

CSM Mentor

Berkeley Computer Science Mentors
Present

- Teach a group of CS61a students once a week
- Generate course material for weekly learning and exam reviews

Blackjack Bot

Personal Project
Winter 2018

- Used Python to create a card counting program that maximizes win rate in Blackjack
- Collaborative project to familiarize myself with Git commands

Stock Market Simulator

Cal Hacks 5.0
Fall 2018

- Coded a stock market simulator using Python and the Yahoo Finance API
- Allows users to get acquainted with navigating the stock market without financial risk

Virtual Reality Research

Student Science Training Program
Summer 2017

- Created a virtual environment using Unity 3D to host different virtual humans to test which traits are more responsible for their human resemblance
- Conducted study with over 100 participants

Tutortime

Coordinator & Tutor
2016-2018

- Matched Bay Area students to academically talented high school tutors, effectively bridging the gap between affordable tutoring and introductory job experience
- Maintained website and designed promotional material

AWARDS

- Cal Leadership Award (2018)
- National Merit Scholar (2018)
- Wesley Marks Memorial Scholarship (2018)
- Chi Am Scholarship (2018)
- Cupertino High School: Gold Award in Chemistry and American Literature (2017)
- Golden State International Wushu Championship Advanced Straight sword & Long-fist 1st Place (2016)