

Clark Wang

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Education

UC Berkeley

Berkeley, CA

Major: Computer Science + Data Science | **GPA:** 3.92

Expected May 2021

Relevant Coursework: Efficient Algorithms/Intractable Problems, Machine Structures, Data Structures, Prob./Random Processes, Optimization Models in Engineering, Discrete Math/Prob. Theory, LinAlg/DiffEq, MV Calc

Work Experience

CS61B - Data Structures Course

Berkeley, CA

Course Tutor

January 2020 - Present

- Lead small sections of students to review and solidify data structure concepts
- Hold office hours for students and create/review assignments for lab and discussion sections

Sutardja Center for Entrepreneurship & Technology

Berkeley, CA

Undergraduate Researcher

February 2019 - Present

- Created and pitched new ML curriculum for high schoolers to Find Solution AI in Hong Kong
- Developed ML curriculum to be compiled and published as high level curriculum for non-technical market
- Currently working with Honda on 'SmartPark': parking guidance algorithm to predict real-time parking

DefinedLogic

Red Bank, NJ

Software Engineer Intern

September 2017 - January 2018

- Created and pushed fully functional modal and carousel bootstrap elements to DefinedLogic homepage
- Developed MacOS application to remind and update HR on important contractor information
- Helped reduce time and money spent by HR to deal with expiring contractor licenses

Monmouth University Summer Research Program

West Long Branch, NJ

Summer Research Intern

May 2017 - August 2017

- Conducted research on promoting healthier and more effective usage of technology for children
- Worked on full stack web-app, Planbook, that incentivizes children to set and accomplish goals
- Presented findings at Monmouth University Research Showcase and rolled app out to 40+ families

Skills

Programming Languages: Java, Python, C, Swift, RISC V

Data Analysis: Pandas, Jupyter Notebook, MySQL

Web Development: HTML, CSS, ReactJS, JavaScript, Bootstrap, PHP

Major Projects

Planbook - Novel web-app for children to manage time, set and achieve goals with parent-set incentives

Contractor Management App - MacOS application to store, manage, and update expiring contractor licenses

Kickstarter Campaign Success - Analyzed and identified features that lead to Kickstarter campaign success

Spotify Recommender - Program that recommends playlist for you based on features of songs you like

Leadership

Computer Science Mentors Berkeley

Berkeley, CA

CSM Mentor

January 2019 - Current

- Personally tutor group of CS88, CS61B students through concept-check lectures and practice problems
- Meet weekly with family of mentors to discuss and plan effective plan for teaching new concepts

Entrepreneurs @ Berkeley

Berkeley, CA

Tech Committee

September 2018 - May 2019

- Took charge in redesigning and implementing the new E@B website (<https://entrepreneurs.berkeley.edu>)
- Mentored student teams to conduct market research, create product, and pitch to VCs for funding

Monmouth Youth Communication Club

Marlboro, NJ

Founder and President

January 2017 - August 2018

- Founded 501c3 NPO with mission to create and foster healthy and safe tech environment for all children
- Hosted seminars, taught classes (coding, math, reading, public speaking), fundraised for the community