

JUSTIN SONG

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EDUCATION

University of California, Berkeley – Berkeley, CA

Expected May 2025 | Major: Intended Computer Science

Related Coursework: Structure and Interpretation of Computer Programs, Data Structures and Algorithms, Discrete Mathematics and Probability Theory, Linear Algebra, Foundations of Data Science

Diamond Bar High School – Diamond Bar, CA

2018-2022 | Unweighted GPA: 3.93 | Enrolled in: Brahma Tech

PROFESSIONAL EXPERIENCE

ForUP LLC – *Software Engineering Internship*

June - August 2023

- Extensively researched various data solutions and evaluated their effectiveness for specific project requirements
- Explored Search Engine Optimization (SEO) and Large Language Models (LLM) through dedicated research
- Utilized research-derived insights to assist in the implementation and integration of ELMo (LLM)

Chapman University – *Research Internship*

June - August 2021

- Collaborated closely with Dr. Yuxin Wen on researching innovative methods for defect detection on wafer maps
- Conducted comprehensive statistical analysis with hypothesis testing and regression analysis on over 50 data sets
- Gained invaluable hands-on experience in Python, Jupyter Notebook, and Anaconda

Cal Poly Pomona STEAM Academy – *Student Internship*

June - August 2021

- Developed strong critical thinking and problem solving skills through hands-on experience in analyzing complex issues
- Acquired proficiency in Python programming through rigorous coursework

Sell AIO – *Founder*

2018 - 2022

- Initiated and led the development of a thriving online business venture, focusing exclusively on selling limited sneakers
- Incorporated innovative automation software solutions, ultimately enhancing overall efficiency by 200%
- Fostered strong relationships with over 500 diverse clientele through effective communication in person, and online
- Generated over five figures in profits through nationwide sales

PROJECTS

FLWR-MAN, *Java*

March 2023

- Created a game, similar to PAC-MAN, with a 2D array-powered map and a movable/customizable character
- Utilized Tilesets and Weighted Quick Unions to randomly generate rooms and hallways within the 2D world
- Implemented the StdDraw class to mimic conditional map changes, while also making it visually aesthetic

LEADERSHIP EXPERIENCE

Boy Scouts of America – *Eagle Scout, Senior Patrol Leader*

2018 - 2022

- Led troop of over 300 members; organized over 50 weekly meetings and 5 outings for members to enjoy
- Planned and successfully executed service project aimed at renovating St. Matthew's United Methodist Church

CERTIFICATIONS

CodePath Technical Interview Prep

June - August 2023

- Participated in 10 week intensive course that dives deeper into real-world software topics such as data structures
- Solved countless challenging algorithm problems

SKILLS/INTERESTS

- *Programming Languages:* Python, Java, Scheme, SQL, HTML/CSS
- *Soft Skills:* Teamwork, Time management, Organization
- *Other Skills:* Adobe Photoshop, Microsoft Suite, 150 WPM
- *Interests:* Soccer, Basketball, Fashion, Traveling, Gaming