Matthew Shen
Prospective Computer Science Major

Contact Info:

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Objective: To apply the knowledge I've accumulated over several years of coding to real-world projects, and to gain deeper insight of the computer science field.

Education:

2020 - Present	University of California San Diego
2016 - 2020	Mission San Jose High School

Programming Experience:

Adept:
- Java
- Python
- HTML

Adequate:
- Javascript
- CSS

Projects:

- Codewars (a website full of programming questions)
  - Surpassed expected efficiency on one of the hardest questions, the 7x7 Skyscraper
  - Goal is to fill a 7 by 7 board with skyscrapers of varying heights. Clues on the number of skyscrapers seen from rows and columns are given.
  - Optimized runtime error solutions to working under 10 seconds through recursion and algorithms
  - Completed many other high-ranked tests (Calculate 24, Hanoi, etc.)
- Website
  - Created an autobiographical website using HTML, CSS, and Javascript
- Hackathons
  - Attended several hackathons based on a range of themes (healthcare, environmental, etc).

Programming Skills:

- Data structures
- Object-oriented programming
- Algorithms

Personal Skills:

- Communication with teammates
- Planning and organization for group and solo projects

[1] https://www.linkedin.com/in/matthew-shen-289b4a196/
[2] https://github.com/Reil-Sariel

批注 [1]: Hackathon

批注 [2]: several hackathon experience

批注 [3]: might explain what codewars is explain what 7x7 is

批注 [4]: https://www.codewars.com/kata/5917a2205ffc30ec3a0000a8

批注 [5]: review

批注 [6]: review these

- Discrete Mathematics abilities
- Efficient and productive research