Junchen Zhao

jczhao.com

juz002@ucsd.edu I +8618261464931 I github.com/g20150120

I am a strong believer in the potential of statistics and data in the Information Age. I am a fast learner and experimenter because I am passionate about new knowledge and skills. I love applying math tools and algorithms to model real-world scenarios.

Education

2018—Present: UC San Diego, majoring in Probability and Statistics, minoring in Data Science.
            3.925 GPA, 2 times Provost Honors.
2012—2018: Suzhou Industrial Park Xinghai Experimental Middle School(苏州工业园区星海实验中学)
            4.0 GPA, TOEFL 107.

Skills

1. C/C++ and STL.
2. Python 2/3 and packages including datascience, numpy, re, requests.
3. Java and object oriented design, and JavaFx platform.
4. Linux/Unix operating and Shell script.
5. R and Matlab: simulation and computation.
6. Node with Express, jade, and MongoDB.
7. HTML, Javascript, and CSS, familiar with Canvas in HTML5.

Projects

1. Machine to Solve Rubik's Cube	2016-2017
2. Personal Website	2017-2019
3. Online Poker Platform	2017
4. Pocket College Web Application	2016
5. Weibo Spider	2017
6. 红楼梦后四十回也来自曹雪芹吗？—Hands on NLP and PCA	2018
7. Java implementation of Tetris	2018
8. Markov Model in rudimentary text prediction and image prediction	2018

Research Experience

1. Math Expectation of the Number of Suits in N Poker Cards	2017
2. Experiments and report on Enhanced Photoelectrochemical Performance in Reduced Graphene Oxide Heterostructure at Soochow University	2017
3. Thoughts on DFS and BFS	2016

Summer Program

1. Stanford Pre-Collegiate Studies: Web Technologies	2017
2. Harvard Summit for Young Leaders in China	2017
3. Olympiad in Informatics Summer Camp	2016