

# Rui Wang

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## EDUCATION

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SHANGHAI TECH UNIVERSITY, Shanghai, China

*Expected Jun. 2021*

*Bachelor of Computer Science SIST*

- GPA: 3.55/4.0;  
Relevant Coursework: Algorithm Design and Analysis A; Computer Architecture: A-; Optimization and Machine Learning A+;
- Math Coursework: Mathematical Analysis A; Linear Algebra A; Probability and Statistics A-.

## EXPERIENCE

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SHANGHAI TECH UNIVERSITY, Shanghai, China

*2017 – Present*

*Teacher Assistant, Computer Architecture*

*Mar. 2020 – Jun. 2020*

- Helping professors with some teaching tasks.

*Intern, STEP Company*

*Jan. 2019 – Feb. 2019*

- Burning programs on chips and testing the accuracy and safety of the new elevator products.

*Member, Computer Architecture Teamwork*

*Mar. 2019 – Jun. 2019*

- In this project, we are using logisim-evolution to implement a 32-bit two-cycle processor based on RISC-V.

*Member, Artificial Intelligence Teamwork*

*Sept. 2019 – Jan. 2020*

- In order to improve the performance of the CPU cache, we apply deep reinforcement learning on cache replacement policy. The results suggest that our method is better than LRU and other traditional algorithms.

*Member, Computer Graphics Teamwork*

*Mar. 2020 – Jun. 2020*

- Reproducing a recently released paper which applies deep learning on photo synthesis.

## ACTIVITIES

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SHANGHAI TECH UNIVERSITY, Shanghai, China

*2017 – Present*

*Group leader, Group on Social Practice*

*Aug. 2018*

- Poverty research in two counties in Yunnan Province for two weeks and finally wrote a 50 pages reports.

*Member, Group on Industrial Practice*

*Aug. 2019*

- Visiting large-scale enterprises like Philips, IBM and GM to analyze the state-of-the-art applications of AI on medical health.

## SKILLS

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- Languages: Chinese (Native), English (Fluent, TOEFL MyBest™ Scores: 87)
- Computer Skills: Python, C/C++
- Latex