

Zhaozi Wang

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EDUCATION

Shanghai Jiao Tong University

Bachelor of Computer Science

Shanghai, China

Sept., 2020 - June, 2024(Expected)

- Member of ACM Honors Class, an elite CS program for top 5% students
- GPA (Junior Year): 92.321/100, Ranking: 3/35
- GPA (Sophomore year): 88.275/100
- GPA (Freshman Year): 82.829/100
- Scores of some courses:
 - * Advanced Combinatorics: 100/100, Ranking: 1/8
 - * Graph Theory and Combinatorics: 97/100, Ranking: 1/33
 - * Mathematical Logic : 100/100, Ranking: 1/33
 - * Computational Complexity : 98/100, Ranking: Unknown/33
 - * Computer Vision : 100/100, Ranking: 1/13

RESEARCH INTERESTS

- Approximation and Online Algorithms
- Data Structure
- Graph Algorithms
- Machine Learning Theory
- Computational Economics

EXPERIENCE(SORTED BY TIME ORDER)

Shanghai Jiao Tong University

Undergraduate Researcher, advised by Yuhao Zhang(Hyper-link)

Research Topic: Online algorithm

Shanghai, China

July, 2022 - Present

Remote

Undergraduate Researcher, advised by Richard Peng(Hyper-link)

Research Topic: Various aspects

Shanghai, China

March, 2023 - Present

The University of Hong Kong

Summer Intern, advised by Zhiyi Huang(Hyper-link)

Research Topic: Online algorithm

Hong Kong, China

July, 2023 - Present

Dalhousie University

Summer Intern, advised by Meng He(Hyper-link)

Research Topic: Data Structure

Halifax, Canada

Sept, 2023 - Present

MANUSCRIPTS

Online Makespan Minimization: Beat LPT by Dynamic Locking(Hyper-Link)

July, 2022 - July, 2023

- Authors: Zhaozi Wang, Zhiwei Ying, Yuhao Zhang
- Submitted to STOC 2024
- Contribution: Developed the main technique for the paper. Designed and implemented the framework of the proof, utilizing the Leftover Lemma.

PROJECTS

Beat LPT By Dynamic Locking([this\(hyper-link\)](#) problem)

I am supervised by Professor Yuhao Zhang. Our results were concluded in [this\(hyper-link\)](#) paper.

Fully Dynamic Interval Graph(On working)

I am supervised by Professor Meng He and closely work with Professor Richard Peng. We have built a structure to work on it.

General Welfare Maximization(On working)

I am supervised by Professor Zhiyi Huang. We have got a tight bound for $p \in [0, 1]$ for this problem.

A RISC-V CPU implemented in Verilog RTL

SJTU ACM Class Architecture 2021 Assignment (MS108 Course Project)

A Compiler from Mx* language (which is a C++ & Java like language) to RV32I Assembly

SJTU ACM Class Compiler Design and Implementation 2022 Assignment (MS208 Course Project)

COMPETITION EXPERIENCE

I'm the captain of team "Willow" and my team will represent SJTU in ICPC World Finals 2023.

(Note: ICPC World Finals 2023 has been postponed to 2024.)

Selected Awards(I received gold medal from all 15 Competitions(including ICPCs and CCPCs) I've participated in.)

- **Champion**, The International Collegiate Programming Contest(ICPC) Hongkong RC 2022
- **3rd place**, The Chinese Collegiate Programming Contest(CCPC) Guilin RC 2020
- **4st place**, The International Collegiate Programming Contest(ICPC) Xian RC 2023
- **4st place**, The International Collegiate Programming Contest(ICPC) Jinan RC 2021
- **4st place**, The International Collegiate Programming Contest(ICPC) Nanjing RC 2021

HONORS & AWARDS

Scholarship

- 2022 Ruiyuan - Sequoia Capital Talent Development Fund Scholarship
- 2021-2022,2022-2023 Annual Excellence Scholarship(Division A) for class ACM20 (Awarded to the top two students of the whole class in each year, all students are classified into three Divisions by their performance)
- 2020, 2021, 2022 Zhiyuan Honorary Scholarship (Awarded to the top 5 % students in the University)
- 2023 Rongchang Technology Innovation Scholarship (Awarded to 12 people per year in the University)

HOBBIES

In my free time, I love to do meditation. I also enjoy all kinds of e-sports.