# SHENGTANG HUANG (黄盛唐)

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## EDUCATION

**University of Science and Technology of China (USTC)**, Hefei, China    *Aug. 2022 ∼ Present*

- Bachelor of Computer Science and Technology    *currently a senior student*
- School of the Gifted Young    *supervised by Prof. Xue Chen*
- **Overall GPA: 3.88/4.30, top 5%**    **Major GPA: 4.01/4.30**
- **Core Courses:**

  **Computer Science:** Foundations of Algorithms (100), Computer Programming (H) (99), Data Structures (97), Computer Organization (95), Computer Networks (94).

  **Mathematics:** Linear Algebra I & II (90, 92), Advanced Combinatorics (100), Probability Theory & Its Outer Chapter (100, 100), Advanced Probability Theory *(100), Graph Theory *(92), Regression Analysis (97), Operations Research (96), Optimization Algorithm *(92).

  **Note:** (H) represents the curriculum of Honors. * indicates that this course is a graduate-level course.

## PUBLICATIONS & MANUSCRIPTS

**Following the convention in theoretical computer science, unless stated otherwise, author names are ordered <u>alphabetically</u>.**

1. **Range Avoidance and Remote Point: New Algorithms and Hardness**
   <u>Shengtang Huang</u>, Xin Li, Yan Zhong
   In the 17th Innovations in Theoretical Computer Science Conference, **ITCS 2026**

2. **Explicit Min-wise Hash Families with Optimal Size**
   Xue Chen, <u>Shengtang Huang</u>, Xin Li
   In the 37th Annual ACM-SIAM Symposium on Discrete Algorithms, **SODA 2026**

## TEACHINGS

**Teaching Assistant**    *USTC, Hefei, China*

- Operations Research (2024 Fall)    *Lecturer: Prof. Shixiang Chen*
- Foundations of Algorithms (2024 Spring)    *Lecturer: Prof. Xue Chen*

## HONORS & AWARDS

- **Merit Award** in S.-T. Yau College Student Mathematics Contests 2025, **ranked 32nd** in Probability and Statistics track. The contest's difficulty is comparable to qualifying exams for Ph.D. programs at top U.S. universities.
- **Gold Prize for Outstanding Student Scholarship:** Awarded in Oct. 2025, this university-level scholarship is granted to the top 3% of outstanding students at USTC.

- **Qiangwei Yuanzhi Scholarship:** Awarded in Oct. 2024, this university-level scholarship is granted to the top 5% of outstanding students at USTC.
- **Sliver Awards** in the 2024 ICPC East Asia Shanghai Regional Contest and the 2023 ICPC East Asia Shenyang Regional Contest.
- **First Prize** in National Olympiad in Informatics in Provinces in 2020 and 2021.

## SKILLS

- **Programming:** C, C++, Python, Matlab, R, Verilog.
- **Software:** Git, LaTeX, Microsoft Office.
- **Languages:** English (fluent), Chinese (native).

## REFERENCES

**Prof. Xue Chen (陈雪)**
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University of Science and Technology of China
[xuechen1989@ustc.edu.cn](mailto:xuechen1989@ustc.edu.cn)

**Prof. Shixiang Chen (陈士祥)**
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**Prof. Xin Li (李昕)**
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**Prof. Fernando Granha Jeronimo**
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