

ZHIYI HUANG

zhiyh@cs.utexas.edu \diamond +1 (737)781-1228

EDUCATION

UT Austin, Ph.D. in Computer Science	August 2023 - Current
Yao Class, Institute of Interdisciplinary Information Science, Tsinghua University	August 2019 - June 2023
University of Michigan, Academic Visitor	February 2022 - August 2022

PUBLICATIONS AND MANUSCRIPTS

- *Multi-Unit Combinatorial Prophet Inequalities.*
Shuchi Chawla, Trung Dang, **Zhiyi Huang**, Yifan Wang.
Manuscript
- *Anonymous Proportionality with Incomplete Votes.*
Zhiyi Huang, Gregory Kehne, Chutong Yang.
Manuscript
- *Refund Mechanisms: Efficient Computation and Approximation.*
Saeed Alaei, Shuchi Chawla, **Zhiyi Huang**, Ali Makhdoumi, Azarakhsh Malekian
Manuscript
- *Robust Max Selection.*
Trung Dang, **Zhiyi Huang**.
International Symposium on Information Theory, **ISIT 2025**
- *A Multi-Dimensional Online Contention Resolution Scheme for Revenue Maximization.*
Shuchi Chawla, Dimitris Christou, Trung Dang, **Zhiyi Huang**, Gregory Kehne, Rojin Rezvan.
Symposium on Discrete Algorithms, **SODA 2025**
- *Tight Conditional Lower Bounds for Vertex Connectivity Problems.*
Zhiyi Huang, Yaowei Long, Thatchaphol Saranurak and Benyu Wang.
Symposium on Theory of Computing, **STOC 2023**

TEACHING

CS 331: Algorithms and Complexity, <i>Teaching Assistant</i> , UT Austin,	Spring 2025
CS 346: Cryptography, <i>Teaching Assistant</i> , UT Austin,	Fall 2024
CS 331H: Algorithms and Complexity (Honors), <i>Teaching Assistant</i> , UT Austin,	Spring 2024
CS 354R: Game Technology, <i>Teaching Assistant</i> , UT Austin,	Fall 2023

AWARDS

Wesley W. Calhoun, Jr. Endowed Scholarship, UT Austin	Spring 2025
Excellent Comprehensive Prize of Tsinghua University	October 2021
Gold Award in Math Olympiad, Southeast region	2018
Silver Award in Math Olympiad, China	2018
Honored Project Award and Honored Camper in Tsinghua Global Innovation Winter Camp of High School Students	January 2018