





DEGREES

- University of Illinois Urbana-Champaign** Illinois
 - Ph.D. Student in Information Science, School of Information Science* Aug. 2023 - Present
 - **Advisor:** Jiaqi Ma 
 - **Research Area:** Theoretical Artificial Intelligence & Theoretical Computer Science
- University of Michigan** Michigan
 - B.Sc. in Computer Science with **Summa Cum Laude**, College of Engineering* Aug. 2021 - May. 2023
 - **Minor:** Mathematics, College of Literature, Science, and the Arts
- Shanghai Jiao Tong University** Shanghai, China
 - B.Eng. in Electrical and Computer Engineering, UM-SJTU Joint Institute* Aug. 2019 - Aug. 2023
 - **Minor:** Computer Science, UM-SJTU Joint Institute

SELECTED RESEARCH EXPERIENCE

- Finding Minimal Balanced Separators with Detection Sets** Michigan
 - College of Engineering, University of Michigan* Mar. 2022 - Present
 - **Advisor:** Thatchaphol Saranurak 
- Deep Learning Foundation** Michigan
 - SURE Program  , College of Engineering, University of Michigan* May 2022 - Mar. 2023
 - **Advisor:** Wei Hu 

PRE-PRINTS AND TECHNICAL REPORTS

(* denotes equal contribution)

- [P1] **Pingbang Hu**, Thatchaphol Saranurak, “Finding Minimal Balanced Separators with Detection Sets”. In *preparation*
- [P2] **Pingbang Hu**, “Travel the Same Path: A Novel TSP Solving Strategy”. In *arXiv preprint*

TEACHING EXPERIENCE

- EECS475 Introduction to Cryptography ** Michigan
 - Instructional Aide, College of Engineering, University of Michigan* Jan. 2023 - May. 2023
- EECS572 Randomness and Computation ** Michigan
 - Instructional Aide, College of Engineering, University of Michigan* Aug. 2022 - Dec. 2022
- VV285 Honor Mathematics III ** Shanghai, China
 - Teaching Assistant, UM-SJTU Joint Institute, Shanghai Jiao Tong University* Mar. 2021 - Aug. 2021
 - **Competition:** Hold the 1st UM-SJTU JIntegration Bee competition  .
- VV186 Honor Mathematics II ** Shanghai, China
 - Teaching Assistant, UM-SJTU Joint Institute, Shanghai Jiao Tong University* Sep. 2020 - Dec. 2020

SELECTED HONORS AND AWARDS

- Hong Kong, Macao and Taiwan Overseas Chinese Student Scholarship** Shanghai, China
 - First Prize (Ranked #2) among all HK, MC and TW students in Shanghai Jiao Tong University* Oct. 2021
- Undergraduate Excellent Scholarship** Shanghai, China
 - Third Prize among all students in UM-SJTU Joint Institute* Nov. 2020
- Bao Gang Excellent Scholarship** Shanghai, China
 - Second Prize (Ranked #3) among all Taiwan students in Shanghai Jiao Tong University* Jun. 2020
- Hong Kong, Macao and Taiwan Overseas Chinese Student Scholarship** Shanghai, China
 - First Prize (Ranked #1) among all HK, MC and TW students in UM-SJTU Joint Institute* Dec. 2019