








EDUCATION

- **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

- **Network Failure Detection** Michigan
Researcher, College of Engineering, University of Michigan *Mar. 2022 - Present*
 - **Abstract:** An improved algorithm on finding small balanced separator in almost linear time.
- **Deep Learning Foundation** Michigan
Undergraduate Researcher, College of Engineering, University of Michigan *Mar. 2022 - Jan. 2023*
 - **Abstract:** Theoretical analysis on intrinsic dimension under isoperimetry assumptions, supported by SURE Program  .

TEACHING EXPERIENCE

- **EECS475 Introduction to Cryptography**  Michigan
Instructional Aide, College of Engineering, University of Michigan *Jan. 2023 - May. 2023*
 - **Duty:** Hold discussion & office hour weekly for an upper-level 100+ student course on the main CS track.
- **EECS572 Randomness and Computation**  Michigan
Instructional Aide, College of Engineering, University of Michigan *Aug. 2022 - Dec. 2022*
 - **Duty:** Hold discussion & office hour weekly for a graduate-level 70+ student course on the M.S. theory CS track.
- **VV285 Honor Mathematics III**  Shanghai, China
Teaching Assistant, UM-SJTU Joint Institute, Shanghai Jiao Tong University *Mar. 2021 - Aug. 2021*
 - **Duty:** Hold discussion & office hour weekly with grading responsibility for a 150+ student rigorous analysis course on the main B.Eng. ECE track.
 - **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*
 - **Duty:** Hold discussion & office hour weekly with grading responsibility for a 200+ student rigorous analysis course on the main B.Eng. ECE track.

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*