

Stanford

Kangning Wang

Postdoctoral Scholar, Computer Science

Bio

BIO

I am a Motwani Postdoctoral Fellow at Stanford Theory Group. My research lies in the intersection of Computer Science and Economics.

I obtained my Ph.D. in Computer Science from Duke University, where I was fortunate to be advised by Kamesh Munagala. During Fall 2022, I was a J.P. Morgan Research Fellow at Simons Institute for the Theory of Computing, UC Berkeley. During Summers 2020 and 2021, I was a Research Intern at Google Research.

HONORS AND AWARDS

- Best Paper Award, The 35th ACM-SIAM Symposium on Discrete Algorithms (SODA) (2024)
- SIGecom Doctoral Dissertation Award Honorable Mention, ACM SIGecom (2023)
- Best Dissertation Award, Department of Computer Science, Duke University (2022)
- Best Paper Award, The 14th Conference on Web and Internet Economics (WINE) (2018)
- Gold Medalist, International Olympiad in Informatics (IOI) (2013)

PROFESSIONAL EDUCATION

- Bachelor of Engineering, Tsinghua University (2017)
- Doctor of Philosophy, Duke University (2022)
- Ph.D., Duke University, Computer Science (2022)
- B.Eng., Tsinghua University, Computer Science (Yao Class) (2017)

STANFORD ADVISORS

- Moses Charikar, Postdoctoral Faculty Sponsor

LINKS

- Personal Site: <https://sites.google.com/view/kangningwang/home>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research lies in the intersection of Computer Science and Economics. I am particularly interested in using mathematical or algorithmic techniques to provide approximately efficient or fair economic solutions in fields including Social Choice, Mechanism Design, Information Design, and Market Design, especially when the exact optima are infeasible due to selfishness of agents, lack of information, computational hardness, etc.