

Keyu Zhu

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Education

Academic Qualifications.....

- **Georgia Institute of Technology** **Atlanta**
Ph.D. in Operations Research (Ongoing) 2018–2023
- **Shanghai Jiao Tong University** **Shanghai**
B.S. in Mathematics and Applied Mathematics (Zhiyuan Honors Program) 2014–2018
- **Technical University of Munich** **Munich**
Visiting student hosted by the Chair of Operations Research, TUM 2017–2018
- **University of California, Los Angeles** **Los Angeles**
2017 Cross-disciplinary Scholars in Science and Technology Summer Program (CSST) 2017

Honors and Awards.....

- **Excellent Bachelor Thesis Award (Top 1%)**, “Simplicity and Optimality in Auction Design”, Shanghai Jiao Tong University, 2018
- **Zhiyuan Honor Degree of B.S. in Mathematics and Applied Mathematics**, Shanghai Jiao Tong University, 2018
- **Outstanding Graduate of Shanghai Jiao Tong University**, Shanghai Jiao Tong University, 2018
- **National Scholarship (Top 1%)**, Ministry of Education of P.R.China, 2017
- **Academic Excellence Scholarship (ClassA) (Top 5%)**, Shanghai Jiao Tong University, 2016
- **Second Prize in Contemporary Undergraduate Mathematical Contest in Modeling (CUMCM) (Top 7%)**, China Society for Industrial and Applied Mathematics, 2015

Publications

For papers appearing at theoretical CS venues, the author order is alphabetical (α - β) by convention.

Optimal Pricing For MHR Distributions

- Yiannis Giannakopoulos, **Keyu Zhu**
- In the *Proceedings of the 14th International Conference on Web and Internet Economics. WINE 2018.*

On Bayesian Epistemology of Myerson Auction

- Xiaotie Deng, **Keyu Zhu**

- In the *Proceedings of the 12th International Frontiers of Algorithmics Workshop*. **FAW 2018**.

Learn to Play Maximum Revenue Auction

- Xiaotie Deng, Tao Xiao, **Keyu Zhu**
- In the *IEEE Transactions on Cloud Computing*. **TCC**.

Technical Skills

- **Programming Languages:** Proficient in Python, Julia, L^AT_EX, Shell, git.
Also basic ability with C++, SQL.
- **Industry Software Skills:** Mathematica (Advanced), Matlab (Intermediate), SPSS (Intermediate), Microsoft Office products (Advanced).

References

Dr. Xiaotie Deng

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Computer Science
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Dr. Rachel Cummings

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