Jerry Anunrojwong

Contact

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Research Interests

Mechanism design; Resource allocation; Data-driven decision making; Causal inference

Education

Columbia University, Graduate School of Business — New York, NY
- Ph.D. candidate in Decision, Risk, and Operations — 2020–present
- Advisors: Omar Besbes, Santiago Balseiro, Hongseok Namkoong

Harvard University — Cambridge, MA
- A.M. in Statistics — 2014–2018
- A.B. in Applied Mathematics
- Advisor: Yiling Chen

Work Experience

Data Scientist → Senior Data Scientist, Agoda	2019 – 2020
Research Affiliate, MIT	2018 – 2020
Research Affiliate, Chulalongkorn University	2018 – 2020
Trading & Quantitative Research Intern, Citadel Securities	Summer 2017
Quantitative Research Intern, Cubist Systematic Strategies	January 2017
Research Intern, Ellington Management Group	Summer 2016
Research Intern, Harvard BLISS (social science summer research)	Summer 2015

Work In Progress

1. J. Anunrojwong, S. Balseiro, O. Besbes. **Robust Benchmark-Based Mechanism Design**.
2. J. Anunrojwong, H. Namkoong. **Fundamental Limits in Off-Policy Policy Evaluation**.

Working Papers

1. J. Anunrojwong, K. Iyer, V. Manshadi. **Information Design for Congested Social Services: Optimal Need-Based Persuasion**. Minor Revision at *Management Science*. Extended abstract in EC 2020. [Link]
2. J. Anunrojwong, K. Iyer, D. Lingenbrink. **Persuading Risk-Conscious Agents: A Geometric Approach**. Major Revision at *Operations Research*. Extended abstract in WINE 2019. [Link]
3. J. Anunrojwong, O. Candogan, N. Immorlica. **Social Learning Under Platform Influence: Extreme Consensus and Persistent Disagreement**. Major Revision at *Management Science*. [Link]

Refereed Conference Publications

1. J. Anunrojwong, K. Iyer, V. Manshadi. **Information Design for Congested Social Services: Optimal Need-Based Persuasion**. [Link]
   - *ACM Conference on Economics and Computation (EC)*, 2020.
   - Oral presentation, *Workshop on Mechanism Design for Social Good (MD4SG)*, 2020.
   - Oral presentation, *MSOM Service SIG*, 2021.

2. J. Anunrojwong, K. Iyer, D. Lingenbrink. **Persuading Risk-Conscious Agents: A Geometric Approach**. [Link]
   - *Conference on Web and Internet Economics (WINE)*, 2019.
   - *Workshop on Behavioral EC*, 2019.

3. J. Anunrojwong, Y. Chen, B. Waggoner, H. Xu. **Computing Equilibria of Prediction Markets via Persuasion**. [Link]
   - *Conference on Web and Internet Economics (WINE)*, 2019.

4. J. Anunrojwong, N. Sothanaphan. **Naive Bayesian Learning in Social Networks**. [Link]
   - *ACM Conference on Economics and Computation (EC)*, 2018.

Honors and Awards

- Doctoral Fellowship, Columbia Business School 2020–2025
- Phi Beta Kappa, Harvard College 2018
- John Harvard Scholar (Top 5% of Harvard's class) 2015
- Harvard Detur Book Prize 2015
- Top 100, William Lowell Putnam Mathematical Competition 2014
- King's Scholarship (full-ride, merit-based scholarship for undergraduate studies abroad; awarded by the King of Thailand to 9 students nationally each year) 2013
- Gold Medal, International Mathematical Olympiad 2012

Professional Services

- Reviewer for *Conference on Web and Internet Economics (WINE)*, 2021.
- Subreviewer for *ACM Conference on Economics and Computation (EC)*, 2021.

Teaching Experience

Instructor

- Real Analysis Math Camp for incoming PhD students (Columbia) Fall 2021

Teaching Assistant

- Demand Analytics (Columbia) Fall 2021
- Markets for Networks and Crowds (Harvard) Fall 2017
- Data Science II (Harvard) Spring 2017
- Mathematics in the World (Harvard) Spring 2015

Skills

Programming Languages and Tools: Python, R, Matlab, Scala, Spark, SQL, TensorFlow, Gurobi, Mathematica, HTML, CSS, LaTeX
Languages: Thai (native), English (fluent)

References

Professor Omar Besbes
Vikram S. Pandit Professor
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Professor Santiago Balseiro
Daniel W. Stanton Associate Professor
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