

Jerry Anunrojwong

CONTACT	Kravis Hall 990-14 665 West 130th St, Columbia University New York, NY 10027	Phone: +1 (212) 810-9067 E-mail: JAnunrojwong25@gsb.columbia.edu Webpage: https://jerryanunroj.github.io/
RESEARCH INTERESTS	mechanism design; robust and data-driven decision making; revenue management and pricing; online marketplaces; information design; social learning	
EDUCATION	Columbia University, Graduate School of Business • Ph.D. candidate in Decision, Risk, and Operations • Advisors: Omar Besbes, Santiago R. Balseiro	New York, NY 2020–present
	Harvard University • A.M. in Statistics • A.B. in Applied Mathematics • Advisor: Yiling Chen	Cambridge, MA 2014–2018
WORK EXPERIENCE	Data Scientist → Senior Data Scientist , Agoda Research Affiliate , MIT Research Affiliate , Chulalongkorn University Trading & Quantitative Research Intern , Citadel Securities Quantitative Research Intern , Cubist Systematic Strategies Research Intern , Ellington Management Group Research Intern , Harvard BLISS (social science summer research)	2019 – 2020 2018 – 2020 2018 – 2020 Summer 2017 January 2017 Summer 2016 Summer 2015
JOURNAL PUBLICATIONS	J1. Persuading Risk-Conscious Agents: A Geometric Approach. Jerry Anunrojwong, Krishnamurthy Iyer, David Lingenbrink. [Link] • <i>Operations Research</i> , 2022. • <i>Proceedings of the Conference on Web and Internet Economics (WINE)</i> , 2019. J2. Information Design for Congested Social Services: Optimal Need-Based Persuasion. Jerry Anunrojwong, Krishnamurthy Iyer, Vahideh Manshadi. [Link] • <i>Management Science</i> , 2022. • <i>ACM Conference on Economics and Computation (EC)</i> , 2020. • Oral Presentation, <i>Workshop on Mechanism Design for Social Good (MD4SG)</i> , 2020. • Oral Presentation, <i>MSOM Service SIG</i> , 2021.	
REFEREED CONFERENCE PUBLICATIONS	C1. On the Robustness of Second-Price Auctions in Prior-Independent Mechanism Design. Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes. [Link] • <i>Proceedings of the ACM Conference on Economics and Computation (EC)</i> , 2022. • Journal version: Under Review • Finalist, George Nicholson Student Paper Competition, 2022 • Spotlight Presentation, <i>INFORMS Revenue Management and Pricing (RMP) Conference</i> , 2022 • Oral Presentation, <i>Market Innovation Workshop (MIW)</i> , 2022.	

- C2. Information Design for Congested Social Services: Optimal Need-Based Persuasion.** Jerry Anunrojwong, Krishnamurthy Iyer, Vahideh Manshadi. [\[Link\]](#)
- *ACM Conference on Economics and Computation (EC)*, 2020.
 - Journal version: *Management Science*, 2022. See J2.
- C3. Persuading Risk-Conscious Agents: A Geometric Approach.** Jerry Anunrojwong, Krishnamurthy Iyer, David Lingenbrink. [\[Link\]](#)
- *Proceedings of the Conference on Web and Internet Economics (WINE)*, 2019.
 - Journal version: *Operations Research*, 2022. See J1.
- C4. Computing Equilibria of Prediction Markets via Persuasion.** Jerry Anunrojwong, Yiling Chen, Bo Waggoner, Haifeng Xu. [\[Link\]](#)
- *Proceedings of the Conference on Web and Internet Economics (WINE)*, 2019.
- C5. Naive Bayesian Learning in Social Networks.** Jerry Anunrojwong, Nat Sothanaphan. [\[Link\]](#)
- *Proceedings of the ACM Conference on Economics and Computation (EC)*, 2018.

WORKING PAPERS

- W1. Robust Mechanism Design with Scale Information.** Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes.
- Under Preparation.
- W2. On the Robustness of Second-Price Auctions in Prior-Independent Mechanism Design.** Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes. [\[Link\]](#)
- Finalist, George Nicholson Student Paper Competition 2022.
 - Journal: Under Review. Conference: EC'22. See C1.
- W3. Social Learning Under Platform Influence: Extreme Consensus and Persistent Disagreement.** Ozan Candogan, Nicole Immorlica, Bar Light, Jerry Anunrojwong. [\[Link\]](#)
- Major Revision at *Operations Research*.

HONORS AND AWARDS

- Finalist, George Nicholson Student Paper Competition 2022
- Asenath Marie and Duncan Merriwether Fellowship 2022–2023
- Doctoral Fellowship, Columbia Business School 2020–2025
- Phi Beta Kappa, Harvard College 2018
- 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
Decision, Risk, and Operations
Graduate School of Business
Columbia University
E-mail: ob2105@columbia.edu

Professor Santiago R. Balseiro

Associate Professor
Decision, Risk, and Operations
Graduate School of Business
Columbia University
E-mail: srb2155@columbia.edu

Last updated on November 25, 2022