

Jerry Anunrojwong

Research Affiliate

Massachusetts Institute of Technology
and Chulalongkorn University

Email: jerryanunroj@gmail.com

Web: <https://jerryanunroj.github.io/>

Phone: +66 84-082-5144

Research Interests

Design and analysis of marketplaces and platforms, social networks, information design, matching markets, stochastic systems, social good, statistics and machine learning

Education

Harvard University

2014 – 2018

magna cum laude with Highest Honors, GPA 3.898/4

Masters in Statistics

Bachelors in Applied Mathematics with focus in Economics and Computer Science

Thesis: *Structure and Design of Informational Substitutes*

Research & Work Experience

Research Affiliate, Massachusetts Institute of Technology

2018 – Present

- Studies design of approximately optimal, simple, and robust contracts, with applications to developing countries

Research Affiliate, Chulalongkorn University

2018 – Present

- Studies applications of machine learning and stochastic processes to computational biology

Trading and Quantitative Research Intern, Citadel Securities

Summer 2017

- Analyzed market data and built tools for the options team

Research Intern, Ellington Management Group

Summer 2016

- Researched mortgage-backed securities and swaption strategies

Research Intern, Harvard BLISS, with Prof. Holger Spamann

Summer 2015

- Analyzed Siamese twin stock price co-movement by event studies on earnings surprises

Peer-Reviewed Publications

Naive Bayesian Learning in Social Networks

Jerry Anunrojwong and Nat Sothanaphan

Proceedings of the Nineteenth ACM Conference on Economics and Computation (EC 2018).

Other Works

Computing Equilibria of Prediction Markets via Persuasion

Jerry Anunrojwong, Yiling Chen, Haifeng Xu, and Bo Waggoner
Working Paper, in submission

Persuading Risk-Conscious Agents: A Geometric Approach

Jerry Anunrojwong, David Lingenbrink, and Krishnamurthy Iyer
Working Paper, in submission

Inefficiency-Manipulability Tradeoff in the Parallel Mechanism

Jerry Anunrojwong
Working Paper, in submission

Structure and Design of Informational Substitutes

Jerry Anunrojwong (based on joint work with Yiling Chen and Bo Waggoner)

Undergraduate Thesis

Teaching Experience

Harvard CS 234r (Markets for Networks and Crowds)	Fall 2017
<ul style="list-style-type: none">• Position: Teaching Fellow• Professors: Nicole Immorlica and Brendan Lucier	
Harvard CS 109b (Advanced Topics in Data Science)	Spring 2017
<ul style="list-style-type: none">• Position: Teaching Fellow• Professors: Hanspeter Pfister, Mark Glickman and Verena Kaynig-Fittkau	
Harvard Math 157 (Mathematics in the World)	Spring 2015
<ul style="list-style-type: none">• Position: Teaching Fellow• Professor: Atanas (Nasko) Atanasov	

Scholarships, Awards, Honors

Phi Beta Kappa	2018
Second Place, College Federal Reserve Challenge Competition	2015
<ul style="list-style-type: none">• Represented Harvard in a team of 7 to give a presentation and Q&A to the Federal Reserve Bank of Boston that analyzed current and future economic conditions and justified a policy recommendation.	
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	2013
<ul style="list-style-type: none">• Full-ride, merit-based scholarship for undergraduate studies abroad; awarded by the King of Thailand.	
Gold Medal, International Mathematical Olympiad	2012