

## Jerry Anunrojwong

### Research Affiliate

Massachusetts Institute of Technology  
and Chulalongkorn University

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### 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 2018 ACM Conference on Economics and Computation* (EC 2018)

### Working Papers

#### Computing Equilibria of Prediction Markets via Persuasion

Jerry Anunrojwong, Yiling Chen, Bo Waggoner, and Haifeng Xu

#### Persuading Risk-Conscious Agents: A Geometric Approach

Jerry Anunrojwong, David Lingenbrink, and Krishnamurthy Iyer

#### Inefficiency-Manipulability Tradeoff in the Parallel Mechanism

Jerry Anunrojwong

### Thesis

#### Structure and Design of Informational Substitutes

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

*Undergraduate Thesis*

<b>Teaching Experience</b>	<b>Harvard CS 234r (Markets for Networks and Crowds)</b>	Fall 2017
	<ul style="list-style-type: none"> <li>• Position: Teaching Fellow</li> <li>• Professors: Nicole Immorlica and Brendan Lucier</li> </ul>	
	<b>Harvard CS 109b (Advanced Topics in Data Science)</b>	Spring 2017
	<ul style="list-style-type: none"> <li>• Position: Teaching Fellow</li> <li>• Professors: Hanspeter Pfister, Mark Glickman and Verena Kaynig-Fittkau</li> </ul>	
	<b>Harvard Math 157 (Mathematics in the World)</b>	Spring 2015
	<ul style="list-style-type: none"> <li>• Position: Teaching Fellow</li> <li>• Professor: Atanas (Nasko) Atanasov</li> </ul>	
<b>Scholarships, Awards, Honors</b>	<b>Phi Beta Kappa</b>	2018
	<b>Second Place, College Federal Reserve Challenge Competition</b>	2015
	<ul style="list-style-type: none"> <li>• Represented Harvard in a team of 7 to give a presentation and Q&amp;A to the Federal Reserve Bank of Boston that analyzed current and future economic conditions and justified a policy recommendation.</li> </ul>	
	<b>John Harvard Scholar</b> (Top 5% of Harvard's class)	2015
	<b>Harvard Detur Book Prize</b>	2015
	<b>Top 100, William Lowell Putnam Mathematical Competition</b>	2014
	<b>King's Scholarship</b>	2013
	<ul style="list-style-type: none"> <li>• Full-ride, merit-based scholarship for undergraduate studies abroad; awarded by the King of Thailand.</li> </ul>	
	<b>Gold Medal, International Mathematical Olympiad</b>	2012