

# Qingyun Wu

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## Principal Employment

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Quantitative researcher - JQ Investments, Shanghai	2020-
Industrial advisor - School of Finance, Southwestern University of Finance and Economics	2020-

## Education

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<b>Stanford University</b>	2014-2020
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- Ph.D. in Economics
- M.S. in Operations Research
- Advisors: Alvin E. Roth (Primary), Itai Ashlagi and Fuhito Kojima
- Research interests: game theory, market design, discrete mathematics and stochastic process

<b>University of California, Berkeley</b>	2010-2014
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- B.A. in Mathematics - Highest Honors; B.A. in Statistics; Minor in Industrial Engineering and Operations Research (IEOR)
- High distinction in general scholarship
- Received 14 A+ grades out of 18 math courses taken at Berkeley

## Honors and Awards

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### **William Lowell Putnam Mathematical Competition**

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| · Highest rank: 110th  | 2013        |
| · Official team member of University of California, Berkeley                       | 2012 & 2013 |
| · UC Berkeley Team placed 6th in the 2013 competition, receiving honorable mention | 2013        |

Phi Beta Kappa	2014
Dorothea Klumpke Roberts Prize	2014

## Peer-Reviewed Publications

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1. Forbidden Transactions and Black Markets (with Chenlin Gu and Alvin Roth), forthcoming: *Mathematics of Operations Research*.
2. Wu, Qingyun. "Entering Classes in the College Admissions Model." *Games and Economic Behavior* 124 (2020): 579-587.
3. Wu, Qingyun and Alvin E. Roth. "The Lattice of Envy-free Matchings." *Games and Economic Behavior* 109 (2018): 201-211.

## Working Papers and Work in Progress

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1. Dynamic Matching with Teams
2. Competition Between Streaming Platforms

## Other Publications

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1. Constructing Local Inequalities Using Function Concavity (2009), *Bulletin of Mathematics*, 10, 30-31.
2. An Important Characteristic of Equilateral Triangles (2009), *Company in Mathematics*, 20, 59-60.

## Professional Activities

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Invited talks: ASSA 2018 session - “New Insights on Classic Questions in Matching Theory”; Guest lecture in Econ 285, Fall 2018 - “Forbidden Transactions and Black Markets”.

Referee for: Games and Economic Behavior, International Journal of Game Theory, Journal of Economic Theory, Journal of Mathematical Economics, Mathematical Social Sciences, Mathematics of Operations Research.

## Programming Skills

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Analytics & Optimization	Python (proficient), R, SQL, Matlab, AMPL, TreeAge
Mathematics	Mathematica, CG-Suite, Polymake, Sage
Miscellany	L <sup>A</sup> T <sub>E</sub> X(proficient), HTML

Last updated: March 4, 2022