# 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

**Stanford University**                                                                    2014-2020

- · 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

**University of California, Berkeley**                                                      2010-2014

- · 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

**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 |

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| Phi Beta Kappa | 2014 |
| Dorothea Klumpke Roberts Prize | 2014 |

## Peer-Reviewed Publications

1. Forbidden Transactions and Black Markets (with Chenlin Gu and Alvin Roth), forthcoming: *Mathematics of Operations Research*.

2. Dynamic Matching with Teams, forthcoming: *Operations Research Letters*.

3. Wu, Qingyun. "Entering Classes in the College Admissions Model." *Games and Economic Behavior* 124 (2020): 579-587.

4. Wu, Qingyun and Alvin E. Roth. "The Lattice of Envy-free Matchings." *Games and Economic Behavior* 109 (2018): 201-211.

## Other Publications

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

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.

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

## Programming Skills

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| Analytics & Computing | Python (proficient), R, Matlab, Mathematica |
| Optimization | CVXPY (proficient), Mosek (proficient), AMPL |
| Miscellany | LaTeX (proficient), HTML, CG-Suite, Sage, Polymake |

Last updated: September 16, 2022