

# QINGYUN WU

Website: <http://qingyunwu.com>

## PRINCIPAL EMPLOYMENT

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Quantitative Researcher, JQ Investments, Shanghai 2020 - present

## EDUCATION

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**Stanford University** 2014-June 2020

- Ph.D. in Economics
- M.S. in Operations Research
- 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

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

- 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 (in Mathematics) 2014

## PEER-REVIEWED PUBLICATIONS

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1. Entering Classes in the College Admissions Model, *Games and Economic Behavior*, forthcoming.
2. 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. Forbidden Transactions and Black Markets (with Chenlin Gu and Alvin E. Roth), Revise and Resubmit: *Journal of Economic Theory*.
2. Dynamic Matching with Teams
3. 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.

## PROGRAMMING SKILLS

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

## 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, Mathematics of Operations Research, Mathematical Social Sciences.

Last updated: October 19, 2020