

# Afshin Nikzad

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http://afshin-nikzad.com

RESEARCH ◇ Primary: Market and Mechanism Design

INTERESTS ◇ Secondary: Auction, Matching, Two-sided Platforms

EMPLOYMENT UC Berkeley, Economics department and School of Information, 2018-2019  
Postdoctoral scholar

EDUCATION Stanford University, 2012 - 2018  
Ph.D. in Economics. Advisers: Alvin Roth, Paul Milgrom.  
Ph.D. in Operations Research. Advisers: Alvin Roth, Itai Ashlagi.  
  
Carnegie Mellon University, 2010 - 2012  
M.Sc. in Operations Research. Adviser: R. Ravi.  
  
Sharif University of Technology, 2006 - 2010  
B.Sc. in Computer Science.

HONORS AND AWARDS ◇ **Stanford Graduate Fellowship, Hewlett-Packard Fellow**, 2014-2017  
◇ **William L. Mellon Fellowship**, Carnegie Mellon University, 2010-2012  
◇ **Gold Medal** in Iranian National Olympiad in Informatics, 2005

RESEARCH. ◇ **Approximate Random Allocation Mechanisms**  
R&R in *The Review of Economic Studies*; with M. Akbarpour.

◇ **Assigning More Students to Their Top Choices: A Tiebreaking Rule Comparison**  
R&R in *Games and Economic Behavior*; Preliminary version in EC'15; with Itai Ashlagi, Assaf Romm.

◇ **Budget Feasible Procurement Auctions**  
*Operations Research*; with N. Anari and G. Goel.

◇ **Financing Transplant Costs of the Poor: A Dynamic Model of Global Kidney Exchange**  
Working paper; Afshin Nikzad, Mohammad Akbarpour, Alvin Roth, and Michael Rees.

◇ **Matching in Dynamic Imbalanced Markets.**  
Working paper; with Itai Ashlagi and Philipp Strack.

◇ **Persuading a Pessimist**  
Working paper.

◇ **Thickness and Competition in Ride-sharing Markets**  
Working paper.

◇ **What matters in tie-breaking rules? How competition guides design**  
Working paper; Preliminary version in EC'16; with Itai Ashlagi.

CONFERENCE PAPERS ◇ **Reservation Exchange Markets for Internet Advertising**  
ICALP'16. with Gagan Goel, Stefano Leonardi, Vahab Mirrokni, and Renato Paes-Leme.

◇ **Approximation Algorithms for Computing Maximin Share Allocations**  
ICALP'15. with G. Amanatidis, E. Markakis, and A. Saberi.

◇ **Mechanism Design for Crowdsourcing Markets with Heterogeneous Tasks**  
WWW'14, HCOMP'14, with G. Goel and A. Singla.

◇ **Optimal Iterative Pricing over Social Networks**  
WINE'10, with V. Mirrokni, M. Ghodsi, H. Mahini, N. Haghpanah, and H. Akhlaghpour.

TEACHING AND WORK EXPERIENCE ◇ **Instructor**, UC Berkeley, 2018.  
· Research Design and Applications for Data and Analysis.

◇ **Google Research**, Summer 2013, Summer 2014.

◇ **Teaching Assistant**, Carnegie Mellon University, 2012.

· Business Networks, Tepper School of Business.

· Graph Theory, Tepper School of Business.

◇ **Teaching Assistant**, Sharif University of Technology, 2010.

· Data Structures and Algorithms

· Design and Analysis of Algorithms

◇ **Member of the Scientific Committee and Contest Designer** Iranian National Olympiad in Informatics, 2006 - 2009

REVIEWER, REFEREE ◇ **Econometrica, Operations Research**