

Na Zhang

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Research Interests	Trustworthy Machine Learning, Reinforcement Learning, Deep Learning, Causal Inference	
Education	Harvard University	
	MPA/ID Financial Economics, March 2018	
	Thesis: Managing Risks of China's External Debt	
	Advisor: Jeffrey Frankel, Carmen Reinhart	
	Massachusetts Institute of Technology	
	Master of Science (MS) Engineering Systems, June 2010	
	Minor: Statistical Modeling	
	Thesis: Apply Option-thinking in Long Term Infrastructure Investment	
	Advisor: Richard de Neufville	
	Beihang University	
	Bachelor of Engineering (BEng) (<i>Selected as one of top 37 from 3500+ to join Shen Yuan Honors College</i>), July 2008	
	Minor: Applied Mathematics	
	Thesis: Precisely Positioning Vehicles via Land Navigation System	
	Advisor: Peide Feng	
Publications	Non-Asymptotic Confidence Intervals of Off-Policy Evaluation: Primal and Dual Bounds	
	Yihao Feng, Ziyang Tang, Na Zhang, Qiang Liu	
	<i>International Conference on Learning Representations (ICLR), 2021, Submission</i>	
	Certified Monotonic Neural Networks	
	Xingchao Liu, Xing Han, Na Zhang, Qiang Liu	
	<i>Advances in Neural Information Processing Systems (NeurIPS), 2020, Spotlight</i>	
	Off-Policy Interval Estimation with Lipschitz Value Iteration	
	Ziyang Tang, Yihao Feng, Na Zhang, Qiang Liu	
	<i>Advances in Neural Information Processing Systems (NeurIPS), 2020</i>	
	Transparent Interpretation with Knockout	
	Xing Han, Yihao Feng, Na Zhang, Qiang Liu	
	<i>ICML workshop on human interpretability in machine learning, 2020</i>	
Professional Experience	Tsinghua University	
	Institute for Fintech Research	
	<i>Machine Learning Researcher</i>	04/2019 -
	Harvard University	
	Harvard Kennedy School	
	<i>Research Associate</i>	01/2018 - 12/2018

China Development Bank
International Business Department
Project Manager

07/2011 - 06/2015

Massachusetts Institute of Technology
Institute for Data, Systems, and Society
Research Assistant

09/2009 - 02/2011

**Selected Honors
& Awards**

Harvard Ng Teng Fong Fellowship	2015 - 2017
Mossavar-Rahmani Center Research Funding	2016 - 2017
HKS Degree Programs Student Affairs Research Funding	2016 - 2017
Performance Recognition Award, China Development Bank	2012 - 2013
MIT Richard L. de Neufville Graduate Fellowship	2009 - 2010
Chiang Chen Overseas Graduate Fellowship, 1 of 10 national winners	2008 - 2009
Honorable Mention in US Mathematical Contest in Modeling	2007
Second Prize in NUS-PKU Mathematical Modeling Contest	2006
Best Thesis Award from Beihang University	2008
Outstanding Academic Performance Scholarship	2004 - 2008
Outstanding Freshman Scholarship (top 0.5%)	2004

**Teaching
Experience**

Teaching Assistant, Advanced Macroeconomics for the Open Economy II Harvard University	Spring 2017
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Teaching Assistant, Introduction to Technology and Policy Massachusetts Institute of Technology	Fall 2009
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