

# Na Zhang

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<b>Contact Information</b>	<i>Email:</i> zhangna@pbcfs.tsinghua.edu.cn <i>Webpage:</i> <a href="https://nazhangai.github.io/mlresearch">https://nazhangai.github.io/mlresearch</a> <i>Phone:</i> (86)138-1023-8804	
<b>Research Interests</b>	Trustworthy Machine Learning, Reinforcement Learning, Deep Learning, Causal Inference	
<b>Education</b>	<b>Harvard University</b> MPA/ID in Financial Economics, March 2018 Thesis: Managing Risks of China's External Debt Advisors: Jeffrey Frankel, Carmen Reinhart  <b>Massachusetts Institute of Technology</b> Master of Science in Technology and Policy, June 2010 Institute for Data, Systems, and Society Thesis: Apply Option-thinking in Long Term Infrastructure Investment Advisor: Richard de Neufville  <b>Beihang University</b> Bachelor of Engineering in Detection Guidance & Control Technology, July 2008 <i>Selected as one of top 37 from 3500+ to join Shen Yuan Honors College</i> Minor: Applied Mathematics Thesis: Precisely Positioning Vehicles via Land Navigation System Advisor: Peide Feng	
<b>Publications</b>	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>	
<b>Professional Experience</b>	<b>Tsinghua University</b> Institute for Fintech Research <i>Machine Learning Researcher</i>	04/2019 -
	<b>Harvard University</b> Harvard Kennedy School, Harvard Business 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
HKS Degree Programs Student Affairs Research Funding	2016
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	Spring 2017
Harvard University	

Teaching Assistant, Introduction to Technology and Policy	Fall 2009
Massachusetts Institute of Technology	