Yining Wang

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Associate Professor of Operations Management
Naveen Jindal School of Management
University of Texas at Dallas
Richardson, 75080 TX, USA

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academic appointments

University of Texas at Dallas — Richardson, TX, USA
Associate Professor (with tenure) — Since 2024
Associate Professor — 2022 - 2024
Operations Management Area
Naveen Jindal School of Management

University of Florida — Gainesville, FL, USA
Assistant Professor — 2019 - 2022
Department of Information Systems and Operations Management
Warrington College of Business

editorial appointments

Operations Research
Associate editor — Since 2024

industry consultation

Amazon, Inc.
Amazon Visiting Academics / Amazon Scholar — Since 2022

education

Carnegie Mellon University — Pittsburgh, PA, USA
Ph.D. in Machine Learning — 2019
Thesis: "Selective Data Acquisition in Learning and Decision Making Problems."
Thesis committee: Aarti Singh (chair, advisor), Sivaraman Balakrishnan, Larry Wasserman, Robert Nowak (University of Wisconsin at Madison)

Carnegie Mellon University — Pittsburgh, PA, USA
M.S. in Machine Learning — 2017

Tsinghua University — Beijing, China
B.Eng. in Computer Science — 2014
Thesis: "Spectral Methods in Supervised Topic Modeling" (in Chinese)
Mentor: Jun Zhu

Massachusetts Institute of Technology — Cambridge, MA, USA
Exchange student in EECS — Jan 2013 - May 2013

publications

Peer-reviewed journal articles

[*] indicates alphabetical author order; [**] indicates equal contributions; [♯] indicates clinical collaborators.

"Dynamic Pricing with Fairness Constraints." Maxime C. Cohen[*], Sentao Miao[*] and Yining Wang[*]. *Operations Research*, accepted.

"Technical Note: Maximum Likelihood Optimization via Parallel Estimating Gradient Ascent." Quanquan Liu and Yining Wang. *Computational Economics*, accepted.

"Utility Fairness in Contextual Dynamic Pricing with Demand Learning." Xi Chen[*], David Simchi-Levi[*] and Yining Wang[*]. *Management Science*, accepted.

"Pricing and Positioning of Horizontally Differentiated Products with Incomplete Demand Information." Arnoud V. den Boer[*], Boxiao Chen[*] and Yining Wang[*]. *Operations Research*, accepted.

"Network Revenue Management with Demand Learning and Fair Resource Consumption Balancing." Xi Chen[*], Jiameng Lyu[*], Yining Wang[*] and Yuan Zhou[*]. *Production and Operations Management*, accepted.

"Robust Dynamic Assortment Optimization in the Presence of Outlier Customers." Xi Chen[*], Akshay Krishnamurthy[*] and Yining Wang[*]. *Operations Research*, accepted.

"On Adaptivity in Non-stationary Stochastic Optimization With Bandit Feedback." Yining Wang. *Operations Research* (tech. note), accepted.

"Optimal Policies for Dynamic Pricing and Inventory Control with Nonparametric Censored Demands." Boxiao Chen[*], Yining Wang[*] and Yuan Zhou[*]. *Management Science*, accepted.

"Nearly Minimax-Optimal Regret for Linearly Parameterized Bandits." Yingkai Li[*], Yining Wang[*] and Yuan Zhou[*]. *IEEE Transactions on Information Theory*, 70(1):372-388, 2024.

- Also in *Conference on Learning Theory (COLT)*, 2019.

"Differential Privacy in Personalized Pricing with Nonparametric Demand Models." Xi Chen[*], Sentao Miao[*] and Yining Wang[*]. *Operations Research* 71(2):581-602, 2023.

"Active Learning for Contextual Search with Binary Feedbacks." Xi Chen[*], Quanquan Liu[*] and Yining Wang[*]. *Management Science* 69(4):2165-2181, 2023.

"Robust Dynamic Pricing with Demand Learning in the Presence of Outlier Customers." Xi Chen[*] and Yining Wang[*]. *Operations Research* 71(4):1362-1386, 2022.

"Constant Regret Re-solving Heuristics for Price-based Revenue Management." Yining Wang and He Wang. *Operations Research* 70(6):3538-3557, 2022.

"Dynamic Pricing and Inventory Control with Fixed Ordering Cost and Incomplete Demand Information." Boxiao Chen[*], David Simchi-Levi[*], Yining Wang[*] and Yuan Zhou[*]. *Management Science* 68(8):5684-5703, 2022.

"Privacy-Preserving Dynamic Personalized Pricing with Demand Learning." Xi Chen[*], David Simchi-Levi[*] and Yining Wang[*]. *Management Science* 68(7):4878-4898, 2022.

"Nearly Dimension-Independent Sparse Linear Bandit Over Small Action Spaces via Best Subset Selection." Yi Chen[**], Yining Wang[**], Ethan X. Fang, Zhaoran Wang and Runze Li. *Journal of the American Statistical Association* 119(545):246-258, 2022.

"Multi-modal Dynamic Pricing." Yining Wang, Boxiao Chen and David Simchi-Levi. *Management Science* 67(10):6136-6152, 2021.

"Optimal Policy for Dynamic Assortment Planning Under Multinomial Logit Models." Xi Chen[*], Yining Wang[*] and Yuan Zhou[*]. *Mathematics of Operations Research* 46(4):1639-1657, 2021.

- Also in *Advances in Neural Information Processing Systems (NeurIPS)*, 2018.

"Uncertainty Quantification for Demand Prediction in Contextual Dynamic Pricing." Yining Wang, Xi Chen, Xiangyu Chang and Dongdong Ge. *Production and Operations Management* 30(6):1703-1717, 2021.

"Dynamic Assortment Selection under the Nested Logit Models." Xi Chen[*], Chao Shi[*], Yining Wang[*] and Yuan Zhou[*]. *Production and Operations Management* 30(1):85-102, 2021.

"Near-Linear Time Local Polynomial Nonparametric Estimation with Box Kernels." Yining Wang, Yi Wu and Simon Du. *INFORMS Journal on Computing* 33(4):1339-1353, 2021.

"Near-Optimal Discrete Optimization for Experimental Design: A Regret Minimization Approach." Zeyuan Allen-Zhu[*], Yuanzhi Li[*], Aarti Singh[*] and Yining Wang[*]. *Mathematical Programming (Series A)* 186:439-478, 2021.

- Also in *International Conference on Machine Learning (ICML)*, 2017.

"Data Based Dynamic Pricing and Inventory Control with Censored Demand and Limited Price Changes." Boxiao Chen, Xiuli Chao and Yining Wang. *Operations Research* (tech. note) 68(5):1445-1456, 2020.

"Dynamic Assortment Optimization with Changing Contextual Information." Xi Chen[*], Yining Wang[*] and Yuan Zhou[*]. *Journal of Machine Learning Research* 21(216):1-44, 2020.

- Finalist in 2019 INFORMS JFIG Best paper competition.

"Non-stationary Stochastic Optimization under $L_{p,q}$-Variation Measures." Xi Chen[*], Yining Wang[*] and Yu-Xiang Wang[*]. *Operations Research* (tech. note) 67(6):1752-1765, 2020.

"Optimization of Smooth Functions with Noisy Observations: Local Minimax Rates." Yining Wang, Sivaraman Balakrishnan and Aarti Singh. *IEEE Transactions on Information Theory* 65(11):7350-7366, 2019.

- Also in *Advances in Neural Information Processing Systems (NeurIPS)*, 2018.

"A Theoretical Analysis of Noisy Sparse Subspace Clustering on Dimensionality-Reduced Data." Yining Wang, Yu-Xiang Wang and Aarti Singh. *IEEE Transactions on Information Theory* 65(2):685-706, 2019.

- Also in *International Conference on Machine Learning (ICML)*, 2015.

"Rate Optimal Estimation and Confidence Intervals for High-dimensional Regression with Missing Covariates." Yining Wang, Jialei Wang, Sivaraman Balakrishnan and Aarti Singh. *Journal of Multivariate Analysis* 174:104526, 2019.

"Convergence Rates of Latent Topic Models Under Relaxed Identifiability Conditions." Yining Wang. *Electronic Journal of Statistics* 13(1):37-66, 2019.

"A Note on a Tight Lower Bound for MNL-Bandit Assortment Selection Models." Xi Chen[*] and Yining Wang[*]. *Operations Research Letters* 46(5):534-537, 2018.

"Provably Correct Active Sampling Algorithms for Matrix Column Subset Selection with Missing Data." Yining Wang and Aarti Singh. *Journal of Machine Learning Research* 18(156):1-42, 2018.

- Also in *Conference on Artificial Intelligence and Statistics (AISTATS)*, 2015.

"Spectral Learning for Supervised Topic Models." Yong Ren[**] , Yining Wang[**] and Jun Zhu. *IEEE Transactions on Pattern Analysis and Machine Intelligence* 40(3):726-739, 2018.

- Also in *Advances in Neural Information Processing Systems (NeurIPS)*, 2014.

"On Computationally Tractable Selection of Experiments in Measurement-Constrained Regression Models." Yining Wang, Adams Wei Yu and Aarti Singh. *Journal of Machine Learning Research* 18(143):1-41, 2017.

- Also in *International Conference on Acoustics, Speech & Signal Processing (ICASSP)*, 2018.

"FMTCP: A Fountain Code-Based Multipath Transmission Control Protocol." Yong Cui, Lian Wang, Xin Wang, Hongyi Wang and Yining Wang. *IEEE/ACM Transactions on Networking* 23(2):465-478, 2015.

- Also in *International Conference on Distributed Computing Systems (ICDCS)*, 2012.

"Joint segmentation and named entity recognition using dual decomposition in Chinese discharge summaries." Yan Xu, Yining Wang, Tianren Liu, Jiahua Liu, Yubo Fan, Yi Qian[♯], Junichi Tsujii and Eric Chang. *Journal of the American Medical Informatics Association* 21(e1):e84-e92, 2014.

"Building Large Collections of Chinese and English Medical Terms from Semi-Structured and Encyclopedia Websites." Yan Xu, Yining Wang, Jian-Tao Sun, Jianwen Zhang, Junichi Tsujii and Eric Chang. *PLoS One* 8(7):e67526, 2013.

"An end-to-end system to identify temporal relation in discharge summaries: 2012 i2b2 challenge." Yan Xu, Yining Wang, Tianren Liu, Junichi Tsujii and Eric Chang. *Journal of the American Medical Informatics Association* 20(5):849-858, 2013.

Journal articles under review or revision

"A Re-solving Heuristic for Dynamic Assortment Optimization with Knapsack Constraints." Xi Chen[*], Mo Liu[*], Yining Wang[*] and Yuan Zhou[*]. *Production and Operations Management*, with major revision.

"On the Optimal Regret of Locally Private Linear Contextual Bandit." Jiachun Li[*], David Simchi-Levi[*] and Yining Wang[*]. *Mathematics of Operations Research*, submitted.

"Demand Balancing in Primal-Dual Optimization for Blind Network Revenue Management." Sentao Miao[*] and Yining Wang[*]. *Management Science*, reject and resubmit.

"Dynamic Learning Policy for Multi-Warehouse Multi-Store Systems with Censored Demands." Sentao Miao[*], Yining Wang[*] and Renbo Zhao[*]. *Manufacturing & Service Operations Management*, submitted.

- Also in the Supply Chain Management SIG Meeting, MSOM conference, 2024.

"Estimation of High-Dimensional Contextual Pricing Models with Nonparametric Price Confounders." Yining Wang and Quanquan Liu. *Operations Research*, with major revision.

"Capacity and Pricing Management with Demand Learning." Jian Chen[*], Zechao Li[*], Anyan Qi[*] and Yining Wang[*]. *Management Science*, with major revision.

"Network Revenue Management with Nonparametric Demand Learning: $\sqrt{T}$-regret and Polynomial Dimension Dependency." Sentao Miao[*] and Yining Wang[*]. *Mathematics of Operations Research*, with major revision.

- Also in the Supply Chain Management SIG Meeting, MSOM conference, 2022.

"A Primal-Dual Framework for Resource Constrained Revenue Management with Demand Learning and Large Action Space." Sentao Miao[*], Yining Wang[*] and Jiawei Zhang[*]. *Operations Research*, with major revision.

Peer-reviewed conference proceedings
(Papers that overlap with journal publications or submissions are omitted.)

"Stochastic Zeroth-Order Optimization under Strongly Convexity and Lipschitz Hessian: Minimax Sample Complexity." Qian Yu, Yining Wang, Baihe Huang, Qi Lei, Jason D. Lee. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2024.

"Sample Complexity for Quadratic Bandits: Hessian Dependent Bounds and Optimal Algorithms." Qian Yu, Yining Wang, Baihe Huang, Qi Lei and Jason D. Lee. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2023.

"Optimal Sample Complexity Bounds for Non-convex Optimization under Kurdyka-Lojasiewicz Condition." Qian Yu, Yining Wang, Baihe Huang, Qi Lei and Jason D. Lee. In *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2023.

"Adversarial Combinatorial Bandits with General Non-linear Reward Functions." Xi Chen[*], Yanjun Han[*] and Yining Wang[*]. In *International Conference on Machine Learning (ICML)*, 2021.

"Smooth Bandit Optimization: Generalization to Hölder Space." Yusha Liu, Yining Wang and Aarti Singh. In *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2021.

"Tight Regret Bounds for Infinite-armed Linear Contextual Bandits." Yingkai Li[*], Yining Wang[*] and Yuan Zhou[*]. In *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2021.

"Optimism in Reinforcement Learning with Generalized Linear Function Approximation." Yining Wang, Ruosong Wang, Simon S. Du and Akshay Krishnamurthy. In *International Conference on Learning Representations (ICLR)*, 2021.

"$\sqrt{n}$-Regret for Learning in Markov Decision Processes with Function Approximation and Low Bellman Rank." Kefan Dong[*], Jian Peng[*], Yining Wang[*] and Yuan Zhou[*]. In *Conference on Learning Theory (COLT)*, 2019.

"How Many Samples are Needed to Learn a Convolutional Neural Network?" Simon Du[**], Yining Wang[**], Xiyu Zhai, Sivaraman Balakrishnan, Ruslan Salakhutdinov and Aarti Singh. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2018.

"Direct Learning to Rank and Rerank." Cynthia Rudin and Yining Wang. In *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2018.

"Stochastic Zeroth-Order Optimization in High Dimensions." Yining Wang, Simon Du, Sivaraman Balakrishnan and Aarti Singh. In *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2018 (oral presentation).

"Sequence Modeling via Segmentations." Chong Wang, Yining Wang, Po-Sen Huang, Abdelrahman Mohamed, Dengyong Zhou and Li Deng. In *International Conference on Machine Learning (ICML)*, 2017.

"An Improved Gap-Dependency Analysis of the Noisy Power Method." Maria-Florina Balcan[*], Simon Du[*], Yining Wang[*] and Adams Wei Yu[*]. In *Conference on Learning Theory (COLT)*, 2016.

"Online and Differentially Private Tensor Decomposition." Yining Wang and Anima Anandkumar. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2016.

"Data Poisoning Attacks on Factorization-Based Collaborative Filtering." Bo Li[**], Yining Wang[**], Aarti Singh and Yevgeniy Vorobeychik. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2016.

"Graph Connectivity in Noisy Sparse Subspace Clustering." Yining Wang, Yu-Xiang Wang and Aarti Singh. In *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2016.

"Noise-adaptive Margin-based Active Learning and Lower Bounds under Tsybakov Noise Condition." Yining Wang and Aarti Singh. In *AAAI Conference on Artificial Intelligence (AAAI)*, 2016 (oral presentation).

"Differentially Private Subspace Clustering." Yining Wang, Yu-Xiang Wang and Aarti Singh. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2015.

"Fast and Guaranteed Tensor Decomposition via Sketching." Yining Wang, Hsiao-Yu Tung, Alex Smola and Anima Anandkumar. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2015 (spotlight).

"DP-space: Bayesian Nonparametric Subspace Clustering with Small-variance Asymptotics." Yining Wang and Jun Zhu. In *International Conference on Machine Learning (ICML)*, 2015.

"Small-variance Asymptotics for Dirichlet Process Mixtures of SVMs." Yining Wang and Jun Zhu. In *AAAI Conference on Artificial Intelligence (AAAI)*, 2014.

"A Theoretical Analysis of NDCG Type Ranking Measures." Yining Wang, Liwei Wang, Yuanzhi Li, Di He, Wei Chen and Tie-Yan Liu. In *Conference on Learning Theory (COLT)*, 2013.

Technical reports

"On Asymptotically Tight Tail Bounds for Sums of Geometric and Exponential Random Variables." Yaonan Jin[*], Yingkai Li[*], Yining Wang[*] and Yuan Zhou[*].

"Robust Nonparametric Regression under Huber's ε-contamination Model." Simon Du, Yining Wang, Sivaraman Balakrishnan, Pradeep Ravikumar and Aarti Singh.

seminar talks

[†] indicates virtual talks/presentations.

Marshall School of Business, University of Southern California	2025/04
Naveen Jindal School of Management, University of Texas at Dallas	2024/04
IDSS, Massachusetts Institute of Technology	2024/03
McCombs School of Business, University of Texas at Austin	2023/10
Rotman School of Management, University of Toronto[†]	2023/07
Rutgers Business School, Rutgers University[†]	2023/03
Krannert School of Management, Purdue University[†]	2022/10
Stern School of Business, New York University[†]	2022/05
W.P. Carey School of Business, Arizona State University[†]	2021/12
Naveen Jindal School of Management, University of Texas at Dallas	2021/12
MSO seminar, London Business School [†]	2021/05
Stern School of Business, New York University[†]	2021/02
Desautels Faculty of Management, McGill University[†]	2020/12
Consortium Friday Seminar, Indiana University Bloomington[†]	2020/10
AI-IoT Seminar, University of Florida[†]	2020/10
IDSS, Massachusetts Institute of Technology	2019/12
Microsoft Research New York City	2019/07
Department of Statistics, Pennsylvania State University	2019/04
NUS Business School, National University of Singapore	2018/12
School of Information Systems, Singapore Management University	2018/12
Sauder School of Business, University of British Columbia	2018/12
Desautels Faculty of Management, McGill University	2018/12
Warrington College of Business, University of Florida	2018/11
Department of Computer Science, University of Illinois Urbana-Champaign	2018/11
Department of Industrial Engineering, University of Pittsburgh	2018/11

School of ISyE, Georgia Institute of Technology 2018/09
ML lunch, Microsoft Research Redmond 2018/03
SML reading group, Carnegie Mellon University 2018/01
School of Computer Science, Carnegie Mellon University 2017/11
Department of Statistics, Yale University 2016/09

conference presentations

* indicates invited talks/presentations. † indicates virtual talks/presentations.

"Demand Balancing in Primal-Dual Optimization for Blind Network Revenue Management." *
At *INFORMS Annual Meeting* Seattle WA, USA, 2024/10

"Demand Balancing in Primal-Dual Optimization for Blind Network Revenue Management." *
At *INFORMS Annual Meeting* Phoenix AZ, USA, 2023/10

"Differential Privacy in Personalized Pricing with Nonparametric Demand Models."
At *ICSA International Conference* Hong Kong, China, 2023/07

"Differential Privacy in Personalized Pricing with Nonparametric Demand Models."*
At *INFORMS Annual Meeting* Indianapolis IN, USA, 2022/10

"Privacy-Preserving Dynamic Personalized Pricing with Demand Learning."*†
At *INFORMS Marketing Science Conference* Virtual locations, 2022/06

"Resource-Constrained Assortment Optimization with Demand Learning, and extensions".*†
At *POMS Annual Conference* Virtual locations, 2022/04

"Optimal Policies For Dynamic Pricing And Inventory Control With Nonparametric Censored Demands."*†
At *INFORMS Annual Meeting* Anaheim CA, USA, 2021/10

"Privacy-Preserving Dynamic Personalized Pricing with Demand Learning." *†
At *International Conference of the Chinese Scholars Association for Management Science and Engineering* Virtual locations, 2021/07

"Dynamic Assortment Optimization in the Presence of Outlier Customers."*
At *INFORMS Annual Meeting* Seattle WA, USA, 2019/10

"An Optimal Policy for Dynamic Assortment Planning under Uncapacitated Multinomial Logit Models."
At *INFORMS Revenue Management and Pricing Conference* Palo Alto CA, USA, 2019/06

"Dynamic Assortment Optimization with Features."*
At *INFORMS Annual Meeting* Phoenix AZ, USA, 2018/11

"Efficient Load Sampling for Worst-case Structural Analysis." Quebec city, Canada
At *ASME International Design Engineering Technical Conferences* 2018/08

"Linear Quantization by Effective Resistance Sampling."* Calgary, Canada
At *International Conference on Acoustics, Speech and Signal Processing* 2018/05

"Stochastic Zeroth-order Optimization in High Dimensions." Lanzarote, Spain
At *International Conference on Artificial Intelligence and Statistics* 2018/04

"Non-stationary Stochastic Optimization with Local Spatial and Temporal Changes."*
At *INFORMS Annual Meeting* Houston TX, USA, 2017/10

"Near-Optimal Design of Experiments via Regret Minimization."
At *International Conference on Machine Learning* Sydney, Australia, 2017/07

"Noise-adaptive Margin-based Active Learning and Lower Bounds under Tsybakov Noise Condition."
At *AAAI Conference on Artificial Intelligence* Phoenix AZ, USA, 2016/01

"Fast and Guaranteed Tensor Decomposition via Sketching."
At *Advances in Neural Information Processing Systems* Montreal, Canada, 2015/12

"An Empirical Comparison of Sampling Techniques for Matrix Column Subset Selection."* Monticello IL, USA
At *Annual Allerton Conference on Communication, Control and Computing* 2015/09

"Noisy Sparse Subspace Clustering for Dimensionality-reduced Data."
At *International Conference on Machine Learning* Lille, France, 2015/07

"Small-variance Asymptotics for Dirichlet Process Mixtures of SVMs."
At *AAAI Conference on Artificial Intelligence* Quebec City, Canada, 2014/07

media coverage

Forbes, "Deep Learning Innovation Starts In The Lab" 2018/12

awards & honors

Career awards

Winner, Chelliah Sriskandarajah Early Career Research Award, POM Society 2024

Research paper awards

"Dynamic Assortment Planning with Changing Contextual Information".
Finalist in INFORMS Junior Faculty Interest Group (JFIG) paper competition 2019

"How Many Samples are Needed to Learn a Convolutional Neural Network."
NeurIPS NVIDIA Pioneer Award 2018

"Direct Learning to Rank and Rerank."
Finalist in INFORMS Annual Meeting QSR Section Best Paper Competition 2017

University scholarships

Yao award (the highest honor for Yao Class students), second award (2/35) 2013
Baidu Future Star Scholarship 2012

Programming contests

Silver medal, The 35th ACM/ICPC Regional Contest (Chengdu, China) 2010
Gold medal, Chinese National Olympiad in Informatics (Beijing, China) 2009
Gold medal, Asia-Pacific Olympiad in Informatics (Dalian, China) 2008

teaching experiences

University of Texas at Dallas

OPRE 7353 Optimization (PhD Core) Since 2024
DBUA 7415 Advanced Research Methods I (DBA Core on Optimization) Since 2024
BUAN/OPRE 6398 Prescriptive Analytics 2022-2024
OPRE 3360 Managerial Methods in Decision Making under Uncertainty Since 2023

University of Florida

ISM 6215 Business Database I 2020-2021
ISM 6251 Programming for Business Analytics 2021
ISM 6423 Data Analytics/Decision Support 2019
QMB 7933 PhD seminar in IS/IT 2020

Carnegie Mellon University (as teaching assistant)

10-702 Statistical Machine Learning (graduate) 2017
10-401 Introduction to Machine Learning (undergraduate) 2016

student advising

Advisor of Phd Students

Zhiyuan Tang, *University of Texas at Dallas* Since 2023

Committee member/Thesis reviewer of PhD students

Jia Shen, *University of Texas at Dallas* Graduated 2024
Advisor: Jun Xia

Zihao Li, *Nanyang Technological University (Singapore)* Graduated 2025
Advisor: Zhenzhen Yan

Milad Armaghan, *University of Texas at Dallas* Graduated 2023
Advisor: Metin Cakanyildirim

Yannik Peeters, *University of Amsterdam (The Netherlands)* Graduated 2022
Advisor: Advisros: Arnoud den Boer and Michel Mandjes

professional services

Ad-hoc reviewer for journals

Applied Mathematics & Optimization, Operations Research, Management Science, Manufacturing & Service Operations Management, Mathematics of Operations Research, Production and Operations Management, Transportation Research Part B (Methodological), Information Systems Research, Bernoulli, Biometrika, Computational Statistics, Journal of the Royal Statistics Society Series B (Statistical Methodology), Journal of the Royal Statistics Society Series C (Applied Statistics), The Annals of Statistics, Journal of Machine Learning Research, Machine Learning, IEEE Transactions on Information Theory, IEEE Transactions on Neural Networks and Learning Systems, Transactions on Pattern Analysis and Machine Intelligence, IEEE Transactions on Signal Processing, Digital Signal Processing, IEEE Transactions on Knowledge Discovery and Engineering, International Journal on Computer Vision, PLoS One, Science Advances

Ad-hoc reviewer for conferences

AAAI, AISTATS, COLT, CVPR, ECCV, ICCV, ICIS, ICLR, ICML, IJCAI, NeurIPS, STOC, UAI, WINE

university services

University of Texas at Dallas

Faculty search committee 2024

University of Florida

Faculty search committee 2020

industry internships

Microsoft Research, New York NY, USA 2019/06 - 2019/08
Theoretical topics in reinforcement learning and contextual bandit

Microsoft Research, Redmond WA, USA 2016/06 - 2016/08
Recurrent neural networks for machine translation

Symantec Research Labs, Culver City CA, USA 2015/06 - 2015/08
Collaborative filtering for enterprise-level malicious attack prediction

Microsoft Research Asia, Beijing, China 2011/10 - 2013/07
Natural language processing based healthcare systems