

Lin An

CONTACT INFORMATION	Carnegie Mellon University 5000 Forbes Avenue Pittsburgh, PA 15213	(857) 272-9765 linan@andrew.cmu.edu www.andrew.cmu.edu/user/linan/
EDUCATION	Carnegie Mellon University , Pittsburgh PA Tepper School of Business <i>Ph.D. in Algorithms, Combinatorics, and Optimization</i> Advisors: Andrew A. Li & Benjamin Moseley	2026
	Columbia University , New York, NY Department of Industrial Engineering and Operations Research <i>M.S. in Operations Research</i>	2021
	Boston College , Chestnut Hill, MA Morrissey College of Arts and Sciences <i>B.S. in Mathematics and Economics</i>	2020
RESEARCH INTERNETS	Methodology Optimization, Artificial Intelligence, Generative AI, Machine Learning Applications Resource Allocation, Personalization and Recommendation Systems, Inventory and Supply Chain Management	
PUBLICATIONS AND PREPRINTS	<u>L. An</u> , Andrew A. Li, Vaisnavi Nemala, and Gabriel Visotsky Near-Optimal Real-Time Personalization with Simple Transformers <i>Submitted to Management Science</i> <i>Finalist, INFORMS Data Mining and Decision Analytics (DMDA) Best Paper Competition</i> <i>A preliminary version appeared in NeurIPS ML×OR Workshop (NeurIPS 2025)</i> <i>A preliminary version appeared in ACM SIGMETRICS Performance Evaluation Review (SIGMETRICS 2025)</i> <u>L. An</u> , Andrew A. Li, Benjamin Moseley, and Gabriel Visotsky Online Resource Allocation with Predictions under Unknown Arrival Model <i>Minor revision at Management Science</i> <i>A preliminary version appeared in the refereed venue of the INFORMS Optimization Society Conference (IOS 2024)</i> <u>L. An</u> , Andrew A. Li, Benjamin Moseley, and R. Ravi The Nonstationary Newsvendor with (and without) Predictions <i>Manufacturing & Service Operations Management (M&SOM) 27(3):881-896 (2025)</i> Da Qi Chen, <u>L. An</u> , Aidin Niaparast, R. Ravi, and Oleksandr Rudenko Timeliness Through Telephones: Approximating Information Freshness in Vector Clock Models <i>In Proceedings of the ACM-SIAM Symposium on Discrete Algorithms (SODA 2023)</i> <u>L. An</u> , Ian Anderson, Paul Duff, Harsh Joshi, Joy Lu, R. Ravi, and Michael Zlatin The Impact of Variety on Engagement in Short-form Content Sequences	

In Preparation

L. An, Andrew A. Li, and Benjamin Moseley
Stochastic Optimization with Predictions
In Preparation

L. An, Andrew A. Li, and Gabriel Visotsky
Adaptable Algorithms for Transformer-Based Real-Time Personalization
In Preparation

AWARDS AND HONORS	INFORMS Data Mining and Decision Analytics Best Paper Competition Finalist	2025	
	GenAI Fellowship The Center for Intelligent Business, Carnegie Mellon University	2024-2025	
	The Egon Balas Award for Best Student Paper in Operations Research Tepper School of Business, Carnegie Mellon University	2023	
	William Larimer Mellon Fellowship Tepper School of Business, Carnegie Mellon University	2021-2026	
INVITED TALKS	Near-Optimal Real-Time Personalization with Simple Transformers INFORMS Annual Meeting	October 2025	
	INFORMS Workshop on Data Mining and Decision Analytics Cornell Young Researchers Workshop	October 2025 September 2025	
	YinzOR Purdue Supply Chain & Operations Management Conference	August 2025 August 2025	
	INFORMS Revenue Management and Pricing (RM&P) Conference ACM SIGMETRICS	July 2025 June 2025	
	IISE Annual Conference POMS Annual Conference	May 2025 May 2025	
	Business Analytics, AI, and Cherry Blossom Conference	March 2025	
	Online Resource Allocation with Predictions INFORMS Annual Meeting	October 2024 October 2024	
	INFORMS Workshop on Data Science NYU Stern MOILS Seminar	October 2024 September 2024	
	INFORMS Revenue Management and Pricing (RM&P) Conference M&SOM Conference	July 2024 July 2024	
	INFORMS Optimization Society (IOS) Conference INFORMS Annual Meeting	April 2024 October 2023	
	The Nonstationary Newsvendor with (and without) Predictions INFORMS Annual Meeting	October 2022	
	TEACHING EXPERIENCES	Instructor Mathematical Models for Consulting (Undergraduate) 19 students enrolled The course evaluation was 4.92 out of 5 – the highest among all undergraduate business courses that semester, compared to a school-wide average of 4.22	Fall 2024, CMU

Teaching Assistant
Operations Strategy (MBA) Fall 2023, CMU
Optimization for Business (Undergraduate) Fall 2023, CMU
Advanced Graph Theory (Graduate) Fall 2022, CMU

SERVICE

Reviewer
Management Science
ACM Conference on Economics and Computation (EC)
Operations Research Letters

PC Member
INFORMS Workshop on Data Science 2024, 2025

Session Chair
RM&P track at the POMS Annual Conference 2025
YinzOR 2023, 2024, 2025

REFERENCES

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