

Ziteng Wang

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1. EDUCATION

- PhD, Industrial and Systems Engineering, North Carolina State University, 2015
- MS, Industrial and Systems Engineering, North Carolina State University, 2011
- BS, Mathematics, Tsinghua University, Beijing, China, 2010

2. EMPLOYMENT

- 2023 – present, Associate Professor, Northern Illinois University
- 2016 – 2023, Assistant Professor, Northern Illinois University
- 2015 – 2016, Senior Operations Research Analyst, FedEx Express

3. SELECT PUBLICATIONS – JOURNAL ARTICLES

All articles below are peer reviewed.

*Corresponding author. **Student supervised/co-supervised.

- [1] Qihuan Zhang, **Ziteng Wang**, Min Huang, Huihui Wang, Xingwei Wang, Shu-Cherng Fang. 2025. Collaborative Supply Chain Network Design under Demand Uncertainty: A Robust Optimization Approach. *International Journal of Production Economics*, 279: 109465.
- [2] Milijana Buac, Gabriela Ibarra**, Ricardo Torres, Sinan Onal, Allison Gladfelter, **Ziteng Wang**. 2023. The urgent need for neuroscience research to consider culture when assessing the development of gait in autistic children: A scoping review. *Journal of Integrative Neuroscience*, 22(2), 51.
- [3] Qihuan Zhang, **Ziteng Wang**, Min Huang, Yang Yu, Shu-Cherng Fang. 2022. Heterogeneous multi-depot collaborative vehicle routing problem. *Transportation Research Part B*, 160: 1-20.
- [4] **Ziteng Wang***, Manfei Xie**. 2022. Data approximation by L^1 spline fits with free knots. *Computer Aided Geometric Design*, 92: 102064.
- [5] **Ziteng Wang**, Yue Dai, Shu-Cherng Fang, Zhong-Zhong Jiang, Yifan Xu. 2020. Inventory transshipment game with limited supply: Trap or treat. *Naval Research Logistics*, 67(6): 383-403.
- [6] Tiantian Nie, **Ziteng Wang***, Shu-Cherng Fang, John E. Lavery. 2017. Convex shape preservation of cubic L^1 spline fits. *Annals of Data Science*, 4(1):123-147.
- [7] **Ziteng Wang***, Shu-Cherng Fang, John E. Lavery. 2015. On shape-preserving capability of cubic L^1 spline fits. *Computer Aided Geometric Design*, 40:59-75.

4. SELECT PUBLICATIONS IN CONFERENCE PROCEEDINGS

All articles below are peer reviewed.

*Corresponding author. **Student supervised/co-supervised.

- [1] Md Abu Naeem Khan**, **Ziteng Wang**. 2025. Simulation-enabled evaluation of operational strategies at Shield Illinois depot for efficient disease testing. *IISE 2025 Conference Proceedings*.
- [2] Hongchao Yu, **Ziteng Wang**, Gary Chen. 2025. Optimizing duck meat processing: A comparison of mixed-integer programming and simulation-based models. *IISE 2025 Conference Proceedings*.
- [3] **Ziteng Wang***, Upala Islam**. 2022. Vehicle routing under dynamic network conditions: A Bayesian approach. *IISE 2022 Conference Proceedings*.
 - Winner of the Logistics and Supply Chain track Best Paper Award.
- [4] Dheeban Kumar Srinivasan Sampathi, **Ziteng Wang***, Purushothaman Damodaran. 2022. A mixed-integer linear programming method for a two-dimensional material slitting problem. *IISE 2022 Conference Proceedings*.

5. SELECT GRANTS

- [1] AI Lab for Early Autism Diagnosis and Screening (AI-LEADS). 05/2025 – 04/2026. NIH AIM-AHEAD Program for Artificial Intelligence Readiness (PAIR). **PI** (with Gladfelter, Buac).
- [2] Forging the Shield: Creating and Optimizing a Supply Chain for Disease Testing in A Pandemic. 01/2024 – 12/2025. SHIELD Illinois. **PI** (with Sina Ansari).
- [3] Development of Equipment Rental Schedule for Illinois. 08/2022 – 10/2025. Illinois Department of Transportation (through Illinois Center for Transportation). **Co-PI** (with Zheyong Bian, Zhijie Dong).
- [4] Shielding the Future: Next-generation Network Design for Strategic Deployment of Testing Capabilities and Logistics Resources of SHIELD Illinois. 06/2022 – 06/2024. SHIELD Illinois. **PI**.
- [5] iGAIT-ASD: A Data-Driven Application to Predict Autism Spectrum Disorder (ASD) Index for Children Living in Underserved, Underrepresented, and Low-income Communities. 08/2022 – 07/2023. Illinois Innovation Network. **Co-PI** (with Sinan Onal, Allison Gladfelter, Milijana Buac).

6. CERTIFICATION

- Certificate in Effective College Instruction. The Association of College and University Educators (ACUE) and The American Council on Education (ACE). 2021.

7. AWARDS AND HONORS

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| • | 2022 Best paper award of Logistics and Supply Chain track | IISE Conference |
| • | 2011-2013 Edward P. Fitts Fellowship | NC State University |
| • | 2011 Phi Kappa Phi Honor Society | NC State University |
| • | 2010 University Graduate Fellowship | NC State University |
| • | 2010 Outstanding Undergraduate Student | Tsinghua University |
| • | 2007-2009 Scholarships for Academic Excellence | Tsinghua University |