

# Sijie Liu

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**Research Interests:** Transport Planning, Future Mobility, Smart City, Traffic Big Data

## *Education Background*

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<b>The University of Manchester</b>	<b>07/2021 - 07/2022</b>
<b>MSc in Urban Design and International Planning</b>	<b>GPA: Distinction</b>
<b>Hebei University of Technology)</b>	<b>09/2016 - 06/2020</b>
<b>BEng in Civil Engineering</b>	<b>GPA: 85/100</b>

## *Work Experience*

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**Tianjin Municipal Engineering Design and Research Institute**      **12/2022-12/2024**  
**Transportation Planning Engineer**    Department of Integrated Transport Development & Research  
**Focus Areas:** Public Transportation, Traffic Modeling and Simulation,  
Multi-Source Data Processing, Transport Planning and Consultancy

## *Publications*

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- **Liu, S.**, Yuan, F., Yang, Y., Wang, J., (2023). ‘Reforming England’s Infrastructure Planning System from a Neoliberal Perspective’ . *Urban and Regional Planning*. 8(3), pp48-51.
- W. Yang, S. Tian, M. Zhai, F. Li, D. Huo, S. Wang, S. Liu, Z. Liu (2025). Can sustainable policies drive TOD effectively? Insights from multi-scenario simulations. *Journal of Environmental Management*, 380, 125067.

## *Patent*

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- **Patent for invention:** “A process clustering based cellular phone data dwell point identification”
- **Patent for invention:** “Method for assessing supply and demand of taxis based on a service acquisition index”
- **Patent for software:** “Railway congestion index evaluation system”
- **Patent for software:** “Public transport accessibility index service system”