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Research Area: NLP, sensory experience



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ZHANG Jie is a PhD candidate at the Department of Architecture, National University of Singapore, under the supervision of Prof. Trivic Zdravko. Her research focuses on Natural Language Processing (NLP) applications in urban design and architecture field. In particular, Jie researches into the sensory perceptions and experiences from social media data using NLP approach. Her work also delves into the potential for multi-modal learning to understand and predict their sensory experiences in urban environments, with the ultimate goal of creating a place recommendation system based on user prompts. Jie's research interests include: Named Entity Recognition, Knowledge Graph, Text Classification, multi-modal recommendation, Large Language Models, sensory experience, public space, social media, big data.

Jie obtained her bachelor degree at the University of Liverpool and Masters degree at University College London. Jie has been working as a student researcher since July 2021. She currently leads the social media data analysis team as part of Belt and Road Initiative and Student-Mobilities in China-Southeast Asia (BRISM) project.