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RESEARCH AREA: Urban Renewal, Knowledge-enhanced AI



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Haoyang He is a PhD student in Architecture at NUS. He is a member of Reasonable Design Lab (RDL), supervised by Dr. Pieter Herthogs. He received both his B.Eng. and M.Eng. degrees in Architecture from the College of Architecture and Urban Planning, Tongji University. His research experience includes diverse urban researches on city modelling for urban renewal potential prediction, bike-sharing traffic flow prediction, urban vitality analysis, and multimodal urban perception measurement.

His current research focuses on graph-enhanced urban modelling and knowledge-enhanced AI for cities, with interests in built environment and health, urban renewal and human-centred design.