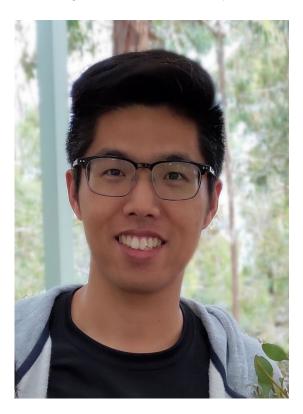
[MUICT-AST] MUICT x Macquarie University: Exploring World's Research Frontiers in Intelligent Autonomous Systems



<u>Dr. Yuankai Oi</u>

Title	Vision-and-Language Navigation for Embodied Al
Bio	Dr. Yuankai Qi received his Ph.D. degree in computer science from
	the Harbin Institute of Technology, Harbin, China, in 2018. He is a
	Lecturer in AI at School of Computing, Macquarie University, Sydney
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	received ACM Multimedia Best Paper Award in 2024, the Australian
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	prestigious conferences and journals, including CVPR, ICCV, AAAI,
	IJCAI, ICML, ACL, TPAMI, TIP, and PR.
Abstract	Developing smart robots is a long-held goal, which can
	communicate with we humans via natural language, understand

visual surroundings, and execute human commands. In this talk, I will introduce several advance we made in this area, specially on vision-and-language navigation, which is an fundamental skill for most of other functions.