

Yuxiang Ji

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Education

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|---|---|
| Xiamen University <i>Ph.D. in Artificial Intelligence</i> | Xiamen, China <i>Sept 2023 – now</i> |
| University of Birmingham <i>Master in Artificial Intelligence and Machine Learning</i> ◦ Thesis: Diversity-based Ensemble for Online AutoML | Birmingham, UK <i>Sept 2021 – Oct 2022</i> |
| Northwest University <i>Bachelor of Electronic Information Science and Technology</i> | Xi'an, China <i>Sept 2017 – July 2021</i> |

Work Experience

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| Research Intern <i>AMAP, Alibaba</i> ◦ Research on reinforcement learning for multi-modal large language model agent. | Beijing, China <i>May 2025 – Now</i> |
| AI Engineer <i>Camera, Huawei</i> ◦ Research on NAS and low-bit quantization for lightweight AI models. | Shenzhen, China <i>Nov 2022 – Aug 2023</i> |

Publications

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| Tree Search for LLM Agent Reinforcement Learning [Preprint 2025] Yuxiang Ji , Ziyu Ma, Yong Wang, Guanhua Chen, Xiangxiang Chu, Liaoni Wu | |
| MMGeo: Multimodal Compositional Geo-Localization for UAVs [ICCV 2025] Yuxiang Ji , Boyong He, Zhuoyue Tan, Liaoni Wu | |
| Game4Loc: A UAV Geo-Localization Benchmark from Game Data [AAAI 2025, Oral] Yuxiang Ji , Boyong He, Zhuoyue Tan, Liaoni Wu | |
| Boosting Domain Generalized and Adaptive Detection with Diffusion Models: Fitness, Generalization, and Transferability [ICCV 2025] Boyong He, Yuxiang Ji , Qianwen Ye, Zhuoyue Tan, Liaoni Wu | |
| Generalized Diffusion Detector: Mining Robust Features from Diffusion Models for Domain-Generalized Detection [CVPR 2025] Boyong He, Yuxiang Ji , Qianwen Ye, Zhuoyue Tan, Liaoni Wu | |
| Diffusion Features to Bridge Domain Gap for Semantic Segmentation [ICASSP 2025] Yuxiang Ji , Boyong He, Chenyuan Qu, Zhuoyue Tan, Chuan Qin, Liaoni Wu | |
| Diffusion Domain Teacher: Diffusion Guided Domain Adaptive Object Detector [ACM MM 2024] Boyong He, Yuxiang Ji , Zhuoyue Tan, Liaoni Wu | |

Awards, Honors

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| Silver Medal of ACM-ICPC Regional Contest | Yinchuan, 2019 |
| Silver Medal of ACM-CCPC Regional Contest | Mianyang, 2019 |

Technologies

Python – proficient, C++ – proficient, L^AT_EX – proficient