

Yuxiang Ji

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Education

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, GPA: 80/100 (Distinction)</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

AI Engineer <i>Camera, Huawei</i> ◦ Research on lightweight AI models. ◦ Integrated NAS and low-bit quantization for model deployment of smartphone cameras.	Shenzhen, China <i>Nov 2022 – Aug 2023</i>
Back-End Intern <i>Bytedance</i> ◦ Iterative development for feature data micro-services.	Beijing, China <i>June 2020 – Dec 2020</i>

Publications

LiCoGeo: LiDAR Collaborative Visual Geo-Localization for UAVs [under review] Yuxiang Ji , Zhuoyue Tan, Boyong He, Weichao Cai, Liaoni Wu
Game4Loc: A UAV Geo-Localization Benchmark from Game Data [AAAI 2025] Yuxiang Ji , Boyong He, 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

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