

Yuxiang Ji

✉ yuxiangji@stu.xmu.edu.cn 🌐 yuxiang-ji.com

Education

Xiamen University

Ph.D. in Artificial Intelligence

Xiamen, China

Sept 2023 – now

University of Birmingham

Master in Artificial Intelligence and Machine Learning, GPA: 80/100 (Distinction)

Birmingham, UK

Sept 2021 – Oct 2022

- **Thesis:** Diversity-based Ensemble for Online AutoML

Northwest University

Bachelor of Electronic Information Science and Technology

Xi'an, China

Sept 2017 – July 2021

Work Experience

AI Engineer

Camera, Huawei

Shenzhen, China

Nov 2022 – Aug 2023

- Research on lightweight AI models.
- Integrated NAS and low-bit quantization for model deployment of smartphone cameras.

Back-End Intern

Bytedance

Beijing, China

June 2020 – Dec 2020

- Iterative development for feature data micro-services.

Publications

MMGeo: Multimodal Compositional Geo-Localization for UAVs [under review]

Yuxiang Ji, Boyong He, 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

Game4Loc: A UAV Geo-Localization Benchmark from Game Data [AAAI 2025, Oral]

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