

# Dongyue Li

## Research Internship Application

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hustno1wxy.github.io



## EDUCATION

**Ph.D student, Intelligent Systems (Ph.D advisor: Daisuke Deguchi, Hiroshi Murase)**

School of Informatics, Nagoya University, Japan

2024.10 — now

**Master, Electronic Information (Master advisor: Songlin Du)**

School of Software, Southeast University, China

2021.9 — 2024.7

**Bachelor of Engineering, Communication Engineering (GPA: 3.4/5)**

School of Communication Engineering, Nanjing University of Posts and Telecommunications, China

2017.9 — 2021.7

## RESEARCH INTERESTS

- Local feature matching, Visual place recognition, Computer vision

## RESEARCH ACHIEVEMENTS (SELECTED)

### Conference Publications

- **Dongyue Li**, Yaping Yan, Dong Liang, Songlin Du; **MSFORMER: Multi-Scale Transformer with Neighborhood Consensus for Feature Matching**; *2023 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*  
<https://ieeexplore.ieee.org/document/10095240>
- **Dongyue Li**, Songlin Du; **Beyond Global Cues: Unveiling the Power of Fine Details in Image Matching**; *2024 IEEE International Conference on Multimedia and Expo (ICME)*  
<https://ieeexplore.ieee.org/document/10687772>

### Journal Publications

- **Dongyue Li**, Songlin Du; **ContextMatcher: Detector-Free Feature Matching With Cross-Modality Context**; *IEEE Transactions on Circuits and Systems for Video Technology*  
<https://ieeexplore.ieee.org/document/10485434>

### Preprints

- **Dongyue Li**, Daisuke Deguchi, Hiroshi Murase; **CQVPR: Landmark-aware Contextual Queries for Visual Place Recognition**; *arXiv preprint*  
<https://arxiv.org/abs/2503.08170>

## EXPERIENCE AND SKILL RELATED TO THE APPLIED TOPICS

- **Programming:** Python, PyTorch, Matlab, PyTorch-Lightning, JAVA
- **Development:** Model implementation, Evaluation on benchmarks (MegaDepth, YFCC100M, etc.)
- **Vision-foundation models:** DINOv2

## ACADEMIC SERVICES

Reviewers for ICASSP, ICME, PRCV, ACPR

## AWARDS

- Second class scholarship in Southeast University 2021

## LANGUAGE

Japanese: conversational, English: Fluent, Chinese: Native