

HAO TANG

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EDUCATION

Nanjing University of Science and Technology
School of Computer Science and Engineering
Intelligent Media Analysis Group, Ph.D Candidate
Supervised by [Prof. Jinhui Tang](#)

Nanjing China

Sep. 2018 - Present

Harbin Engineering University
College of Automation, B.S. in Engineering Science
Advisor: Prof. Zhi Zhang

Harbin China

Sep. 2014 - Jun. 2018

SKILL

Programming: C/C++, Python(PyTorch, TensorFlow), Matlab, Caffe

Knowledge: Docker, Git

RESEARCH INTERESTS

Learning From Limited or Imperfect Data

Multimedia: Zero/Few-shot Learning, Fine-Grained Visual Classification/Retrieval

Computer Vision: Weakly-supervised Object Localization/Detection, Image Restoration

PUBLICATIONS

Knowledge-Guided Semantic Transfer Network for Few-Shot Image Recognition

*Zechao Li, **Hao Tang**, Zhimao Peng, Guo-jun Qi, and Jinhui Tang*

Under Review, 2021

Learning Attention-Guided Pyramidal Features for Few-shot Fine-grained Recognition

Chengcheng Yuan, **Hao Tang***, Dong Zhang, and Xinguang Xiang (* equal contribution)*

Accepted by **IJCAI Workshop** 2021

Coupled Patch Similarity Network For One-Shot Fine-Grained Image Recognition

*Sheng Tian, **Hao Tang**, and Longquan Dai*

Accepted by **IEEE ICIP** 2021

Learning a Tree-Structured Channel-Wise Refinement Network for Efficient Image Deraining

Di Wang, **Hao Tang***, Jinshan Pan, and Jinhui Tang (* equal contribution)*

Accepted by **IEEE ICME** 2021

BlockMix: Meta Regularization and Self-Calibrated Inference for Metric-Based Meta-Learning

***Hao Tang**, Zechao Li, Zhimao Peng, and Jinhui Tang*

Accepted by **ACM MM** 2020

AWARDS AND HONORS

Excellent Ph.D. Students Sponsorship Program

Jun. 2021

The First Prize Scholarship

Sep. 2018, 2019, 2020

- Nanjing University of Science and Technology

Outstanding Graduates and Excellent Bachelor Thesis Award

Jun. 2018

- Harbin Engineering University

First-class Innovation Scholarship

Nov. 2017

- Ministry of Industry and Information Technology of People's Republic of China