

# 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](#) and [Prof. Zechao Li](#)

Nanjing China

Sep. 2018 - Present

**Harbin Engineering University**  
College of Automation, B.S. in Engineering Science  
Advisor: Prof. Zhi Zhang  
(recommended postgraduate without exams)

Harbin China

Sep. 2014 - Jun. 2018

## SKILL

**Programming:** C/C++, Python(PyTorch, TensorFlow), Matlab, Caffe  
**Knowledge:** Docker, Git

## RESEARCH INTERESTS

**Multimedia:** Zero/Few-shot Learning, Fine-Grained Visual Classification/Retrieval  
**Computer Vision:** Salient Object 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)

Under Review, 2021

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

Sheng Tian\*, **Hao Tang\***, and Longquan Dai (\* equal contribution)

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

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