



XINTING HU

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RESEARCH INTEREST

Image Classification, Image Segmentation, Incremental Learning

EDUCATION

Nanyang Technological University (NTU)

3rd year Ph.D. Student in Computer Science

July 2018 – Present

Singapore

University of Science and Technology of China

B.Eng. in Information Science and Technology

Sept. 2014 – June 2018

Anhui, China

PUBLICATIONS

Distilling Causal Effect of Data in Class-Incremental Learning.

CVPR 2021

We propose a causal framework to explain the catastrophic forgetting in Class-Incremental Learning (CIL) and then derive a novel distillation method that is orthogonal to the existing anti-forgetting techniques.

Xinting Hu, Kaihua Tang, Chunyan Miao, Xian-Sheng Hua, Hanwang Zhang

Learning to Segment the Tail.

CVPR 2020

We propose a "divide&conquer" strategy for the challenging large-scale long-tailed LVIS task: divide the whole data into balanced parts and then apply incremental learning to conquer each one.

Xinting Hu, Yi Jiang, Kaihua Tang, Jingyuan Chen, Chunyan Miao, and Hanwang Zhang

HONORS AND AWARDS

Excellent Volunteer Prize

Mar. 2017

Recognition for to 20% of students in volunteering activities

Yang Ya Scholarship

Nov. 2016

Merit based scholarship for excellent woman students

Excellent Student Scholarship

Oct. 2016

Gold Award, top 3% of students in academics at USTC

TEACHING EXPERIENCE

Teaching Assistant/Lab Instructor

Fall 2021

20S1-CZ2001-LAB-SS7, Algorithms

NTU

Teaching Assistant

Fall 2020

19S1-CE1012-CZ1012, Engineering Mathematics II

NTU

SOFTWARE PROJECTS

Plenoptic Images Re-focusing System

2016–2017

design a real-time system for plenoptic images to focus on every point the user clicks on (PC) or looks at (with the eye tracker)

Library Management System

Fall 2017

use MySQL and C# to design a library system for both administrators and users