



# XIN ZHAO

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## Education

### Jilin University

Ph.D. in Computer Science and Technology

- Advisor: Shengsheng Wang
- Lab: Key Laboratory of Symbolic Computation and Knowledge Engineering of Ministry of Education

Changchun, China

2016 – Present

### Jilin University

B.S. in Computer Science and Technology

- GPA: 3.28/4.00 (85.58/100)

Changchun, China

2012 – 2016

## Research Interests

Machine Learning, Deep Learning, Computer Vision, Transfer Learning

## Research Experience

### Domain Adaptation (DA)

DA is a branch of transfer learning. The goal is to transfer the knowledge from a label-rich domain to a different but related domain with rare labels. I especially focused on domain adaptation for visual recognition.

- Authored 1 paper about Unsupervised Domain Adaptation as first author, published in IEEE ACCESS.
- Created a popular DA resource projects on Github (1.5K star) [awesome domain adaptation].
- Familiar with various DA settings, e.g. Multi-Source DA, Semi-Supervised DA, Partial DA and Open Set DA.
- Interested in the application of DA in different computer vision tasks.
- Proficient in Python, Pytorch.

## Publication

1. **Xin Zhao**, Shengsheng Wang. **Adversarial Learning and Interpolation Consistency for Unsupervised Domain Adaptation**. IEEE ACCESS. 2019. [Link]

- propose a novel method for UDA which considers both domain alignment and decision boundaries between classes. Our method unifies adversarial learning and interpolation consistency together to learn feature representations that are both domain-invariant and target discriminative.

## Honors & Awards

Graduate Scholarship of Jilin University

2016 – 2019

Excellent Student cadre of Jilin University

2017

Huawei Scholarship

2015

Excellent Student of Jilin University

2014, 2015

First Prize Scholarship of Jilin University

2014, 2015

Second Prize Scholarship of Jilin University

2013

## Skills

### Programming Languages

Python, C, C++, Java, Matlab, PyTorch, TensorFlow,  $\text{\LaTeX}$   
Mandarin (native), English (CET-6, PETS-5)