

JINDONG WANG¹

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Popular machine learning researchers at Zhihu.com | *Zhihu*: 王晋东不在家 | Github: *jindongwang*
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🎓 EDUCATION

Hong Kong University of Science and Technology, Hong Kong 2018.04 – 2018.08

Visiting Research Intern Mentor: Prof. Qiang Yang

Institute of Computing Technology, Chinese Academy of Sciences, Beijing, China 2014 – Present

Ph.D student in Computer Science, expected June 2019

North China University of Technology, Beijing, China 2010 – 2014

B.E. in Computer Science. Rating: 1 / 130

🔍 RESEARCH

Artificial intelligence

- Transfer learning and its applications
- Machine learning, deep learning, data mining, and activity recognition

Student member of: ACM / IEEE / AAAI / CCF.

Reviewer: IEEE Trans. Pattern Analysis and Machine Intelligence (TPAMI), Neurocomputing

📖 PUBLICATIONS

The first transfer learning tutorial: tutorial.transferlearning.xyz

Selected publications: (More can be found at <http://jd92.wang>)

1. **Visual Domain Adaptation with Manifold Embedded Distribution Alignment.** *ACM MM 2018 (Oral, Top 10 accepted papers).*
Jindong Wang, Wenjie Feng, Yiqiang Chen, Han Yu, Meiyu Huang, Philip S. Yu.
2. **Balanced Distribution Adaptation for Transfer Learning.** *ICDM 2017.*
Jindong Wang, Yiqiang Chen, Shuji Hao, Wenjie Feng, Zhiqi Shen.
3. **Stratified Transfer Learning for Cross-domain Activity Recognition.** *PerCom 2018.*
Jindong Wang, Yiqiang Chen, Lisha Hu, Xiaohui Peng, Philip S. Yu.
4. **Deep Learning for Sensor-based Activity Recognition: A Survey.** *Pattern Recognition Letters.*
Jindong Wang, Yiqiang Chen, Shuji Hao, Lisha Hu.
5. **OCEAN: A new opportunistic computing model for wearable activity recognition.** *UbiComp 2016.*
Yiqiang Chen, Yang Gu, Xinlong Jiang, Jindong Wang.

Patents (Chinese) :

1. 用于大规模数据标定的迁移学习方法及系统. CN106599922A.
陈益强, 王晋东, 沈建飞, 胡春雨, 王记伟, 张宇欣, 忽丽莎. (除导师外一作)
2. 一种基于流形迁移学习的数据标定方法和系统. 国家发明专利 201810305890.5.
陈益强, 王晋东, 冯文杰, 忽丽莎. (除导师外一作)
3. 人-机器人运动数据映射的方法及系统. CN106600000A.
陈益强, 王晋东, 张宇欣, 胡春雨, 忽丽莎, 沈建飞. (除导师外一作)
4. 一种交通模式行为识别方法及相应的识别模型构建方法. CN105447504A.
陈益强, 忽丽莎, 谷洋, 王晋东, 王双全.
5. 运动行为和认知能力的关联分析方法及系统. CN107016233A.
陈益强, 胡春雨, 忽丽莎, 谢涛, 王晋东.

¹Updated on Jul. 02, 2018.

PROJECTS

National Key R&D Program of China (#2016YFB1001401) 2016.07 – Present

Project manager and core member of ICT Project in charge: Institute of Software, CAS

- Lead the algorithm research and project development at ICT
- Develop learning-to-learn algorithms to increase the accuracy of activity recognition

National Key R&D Program of China (#2016YFB1001201) 2016.07 – Present

Project manager and core member of ICT Project in Charge: Tsinghua University

- Lead the algorithm research and project development at ICT
- Propose related transfer learning algorithms and apply to cognitive computing

Research and Equipment Plan of Chinese Academy of Sciences (#YZ201527) 2015.07 – 2017.12

Project manager and core member Project in charge: ICT

- Lead the algorithm research and project development at ICT
- Propose related transfer learning techniques

Natural Science Foundation of China (NSFC #61572471) 2015.07 – Present

Core member Project in charge: ICT

- Research and propose related transfer learning algorithms

TALKS

1. *Transfer learning: problems and solutions*. Harbin University of Science and Technology. 2018.06
2. *Transfer learning with data distribution adaptation*. Chinese Agricultural University. 2017.11
3. *Transfer learning: development and future*. AI study at Leifeng web.[[News link](#)] 2017.11
4. *Machine learning and transfer learning*. Shanghai Jiao Tong University. 2017.09
5. *Feature engineering in machine learning*. Zhihu Live course. 1,000+ attendees.[[Course link](#)] 2017.03
6. *Machine learning starter*. Zhihu Live course (Zhihu front page). 1,500+ attendees.[[Course link](#)] 2016.12

HONORS AND AWARDS

ICML-18 student travel award	2018.05
AAAI-18 student scholarship	2017.12
National scholarship for Ph.D student	2017.10
Second prize of Bwinner innovation scholarship	2017.01
Merit student of University of Chinese Academy of Sciences	2015, 2017, 2018
Merit student of Beijing City	2013
National scholarship for Bachelor student	2011, 2012, 2013

PROGRAMMING SKILLS

- Programming language: Python, Matlab, Latex, Java, C#, C++ | Framework: Scikit-learn, Pytorch, Tensorflow, Android, iOS

MISCELLANEOUS

- I lead a machine learning group to share ideas with 500+ students/employees from 120+ globally universities/companies
- I lead several popular machine learning and transfer learning resource repositories at Github: *Machine learning*, *Transfer learning*, *Activity recognition*
- I led a software group called *Pivot Studio* at university, where we successfully made several applications and uploaded to Microsoft store
- My English is quite good, enough to write, communicate, and give lectures