JINDONG WANG [1]

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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

🏆 HONORS AND AWARDS

ICCSE 2018 Best Paper Award	2018.07
ICML-18 student travel award	2018.05
AAAI-18 student scholarship	2017.12
National scholarship for Ph.D student	2017.10
Second prize of Bewinner 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

📖 PUBLICATIONS

I wrote **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, acceptance rate: 8.5% 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, acceptance rate: 19.9%.*
   Jindong Wang, Yiqiang Chen, Shuji Hao, Wenjie Feng, Zhiqi Shen.
3. Stratified Transfer Learning for Cross-domain Activity Recognition. *PerCom 2018, acceptance rate: 14%.*
   Jindong Wang, Yiqiang Chen, Lisha Hu, Xiaohui Peng, Philip S. Yu.
4. Deep Transfer Learning for Cross-domain Activity Recognition. *ICCSE 2018, Best Paper Award.*
   Jindong Wang, Vincent Zheng, Yiqiang Chen, Meiyu Huang.
5. Deep Learning for Sensor-based Activity Recognition: A Survey. *Pattern Recognition Letters.*
   Jindong Wang, Yiqiang Chen, Shuji Hao, Lisha Hu.
6. 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**.

👥 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. I gave several lectures about Transfer Learning at some universities: Harbin University of Science and Technology (Shenzhen), Shenzhen University, Harbin University of Science and Technology, Chinese Angricultral University, and Shanghai Jiao Tong University.
2. *Transfer learning: development and future.* AI study at Leifeng web.[*News link*]   2017.11
3. *Feature engineering in machine learning.* Zhihu Live course. 1,000+ attendees.[*Course link*]   2017.03
4. *Machine learning starter.* Zhihu Live course (Zhihu front page). 1,500+ attendees.[*Course link*] 2016.12

⚙ PROGRAMMING SKILLS

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

ℹ MISCELLANEOUS

- I lead a machine learning group to share ideas with 500+ students/employees from 120+ institutes
- 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