ZHANG MIN

Research Area: Artificial Intelligence <Few-shot Learning, Meta-learning, Bayesian Deep Learning, Multi-modal Learning>

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Address Shilongshan Road No.18, Cloud Town, Xihu District, Hangzhou, Zhejiang China.

Education

Qingdao Agricultural University Haidu College 09/2012-06/2016

Bachelor, Electronic Information Science and Technology, GPA: 3.5/4 Ranking: 1/35

Tianjin Normal University Dentsu College 09/2016-06/2019

Master, Circuits and Systems, GPA: 3.34/4 Ranking: 1/12

Research Achievements

Min Zhang, “Knowledge Distillation for Model-Agnostic Meta-Learning.” (ECAI2020)

Siteng Huang, Min Zhang, “AGAM: Attributes-Guided Attention Module for Few-Shot Classification.” (submited IJCAI2020)

Wei Wang, Min Zhang, “Classification of data stream in sensor network with small samples.” IEEE Internet of Things Journal, PP(99):1-1.

Wei Wang, Min Zhang, “Tensor Deep Learning Model for Heterogeneous Data Fusion in Internet of Things.” IEEE Transactions on Emerging Topics in Computational Intelligence.

Wei Wang, Min Zhang, “Kernel PCA feature extraction and the SVM classification algorithm for multiple-status through-wall human being detection.” EURASIP Journal on Wireless Communications & Networking, 2017(1):151.

Min Zhang, Wei Wang, “Research on Data Flow Partitioning Based on Dynamic Feature Extraction.” International Conference on Communications, Signal Processing, and Systems (CSPS), 2018. Best paper

Wei Wang, Min Zhang, “Anomaly Detection Based on Kernel Principal Component and Principal Component Analysis.” International Conference on Communications, Signal Processing, and Systems (CSPS), 2017.

Min Zhang, Wei Wang, “Detection of Embryo Eggs Based on Tensor Depth Calculation Model.” 2018 International conference on Image, Video Processing and Artificial Intelligence (IVPAI2018).

Li Y, Min Zhang, “Online real-time analysis of Data streams based on an incremental high-order deep learning model.” IEEE Access, 2018:1-1.

Practice Experience

Westlake University (Research Assistant) 07/2019--present

- Knowledge Distillation for meta-learning solves few-shot learning (paper accepted by ECAI2020).
- Multi-modal information combined with metric-learning to solve few-shot learning.(paper submitted IJCAI2020)
- Next Plan: Bayesian deep learning methods solve few-shot learning.

Skills and Certificates

- Proficient in Pytorch, Python; Skilled in MATLAB, C++ .
- Outstanding Master's Degree Thesis Award, China National Scholarship, National Encouragement Scholarship, Professional Major Scholarship for seven years, Merit Student.
- IELTS: 5.5; Japanese:N3

Personal Homepage

If you want more detailed information, you can visit my homepage (http://remimz.github.io)