

Zhiwei Li

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Zhengzhou, Henan, China
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1997-08 Male
Master Candidate Shanghai, China



EDUCATION

- ShanghaiTech University** 2020.09 - 2023.06
Computer Science and Technology, Master
Shanghai, China
- GPA: 3.64/4.0
 - Relevant Coursework: Machine Learning, Matrix Computation, and so on.
 - Supervisor: Prof. [Lu Sun](#)
 - Topic: Incomplete Multi-view Weak-Label Learning
- Zhengzhou University** 2016.09 - 2020.06
Computer Science and Technology, Bachelor
Zhengzhou, China
- Have won a number of awards: RoboCup Asia-Pacific TianJin Invitational Tournament 2019 **2nd Place**, 2019 RoboCup China Open Standard Platform League (NAO) **3rd Place**, and so on.
 - Have won a number of honors: The Third Prize Scholarship, The School Outstanding Student Cadre, and so on.
 - Relevant Coursework: Data Structure, Algorithm Design and Analysis, Object-oriented technology, and so on.

RESEARCH EXPERIENCE

- Federated Recommendation with Additive Personalization** 2022.10 - Present
First Author University of Technology Sydney
- Be in charge of proposing a novel personalized method for Federated Recommendation Systems in this paper to handle the non-iid data.
 - The method is implemented by Python. Compared with 4 related methods on 4 datasets, it outperforms in all cases.
 - The paper is in submission.
- Incomplete multi-view weak-label learning with noisy features and imbalanced labels** 2021.08 - Present
First Author ShanghaiTech University
- Be in charge of proposing and optimizing a novel method for Incomplete Multi-View Weak-Label Learning With Long-Tail Labels in this paper to cope with the co-existence of incomplete views and weak labels.
 - The method is implemented by Matlab. Compared with 4 related methods on 7 datasets, it outperforms in most of cases.
 - The paper is in submission.
- Train Driver Detection with Changeable Background** 2020.01 - 2020.06
Graduation Design Zhengzhou
- The project is used to detect and locate the train driver automatically, accurately and quickly from the train surveillance video.
 - Be in charge of reproducing the work "Deep Photo Enhancer: Unpaired Learning for Image Enhancement from Photographs with GANs". After using it as the image enhancement algorithm, the accuracy of driver recognition is improved by 1%.

PROJECT EXPERIENCE

- Competitions of Robot NAO** 2017.06 - 2020.07
Developer Shuangzu Lab of Zhengzhou University
- In 5 vs 5 soccer plays, be in charge of implementing the strategies of forward and center-forward, and so on by Python. We won RoboCup Asia-Pacific TianJin Invitational Tournament 2019 2nd Place and 2019 RoboCup China Open Standard Platform League (NAO) 3rd Place.
 - In golf plays, be in charge of implementing swing movements of NAO, and so on by Python. We won "Softbank Robot Cup" 2018 China Robot Skills Competition 3rd Prize, and "Softbank Robot Cup" 2017 China Robot Skills Competition 2nd Prize.

PROFESSIONAL EXPERIENCE

- Teaching Assistant of Machine Learning** 2022.09 - 2023.01
School of Information Science and Technology ShanghaiTech University
- Be in charge of assisting teachers in teaching, arranging and marking homework.
 - Responsible for helping students and teachers communicate effectively.
- Teaching Assistant of Machine Learning** 2022.02 - 2022.07
School of Information Science and Technology ShanghaiTech University
- Be in charge of assisting teachers in teaching, arranging and marking homework.
 - Responsible for helping students and teachers communicate effectively.

SKILLS

- Skills:** Matlab (Proficient), Python (Proficient), Java (Proficient)
- Languages:** Mandarin (Native), English (IELTS: 6.5)