

Wenke Huang

<https://wenkehuang.github.io>

PERSONAL INFORMATION

Concat: wenkehuang@whu.edu.cn

Github: github.com/wenkehuang

Wechat: Wenke060502

LinkedIn: [Link](#)

Blog: [Link](#)

Research Field: Federated Learning, Graph Learning, and Fintech [Link](#)

EDUCATION

Wuhan University , Wuhan, China PhD Student in School of Computer Science Advisor Prof. Mang Ye and Prof. Bo Du	Sep. 2021 – Present
Wuhan University , Wuhan, China Bachelor of Software Engineering	Sep. 2017 – Jun. 2021
Wuhan University , Wuhan, China Bachelor of Finance	Sep. 2018 – Jun. 2021
Changjun High School , Changsha, China Senior high school	Sep. 2014 – Jun. 2017

PUBLICATION

† means equal contribution

[6] Wenke Huang , Mang Ye, Zekun Shi, Bo Du Generalizable Heterogeneous Federated Cross-Correlation and Instance Similarity Learning We handle model heterogeneous federated learning from feature and logits aspects.	TPAMI 2023
[5] Wenke Huang , Mang Ye, Zekun Shi, He Li, Bo Du Rethinking Federated Learning with Domain Shift: A Prototype View We handle federated learning with domain shift from the prototype view.	CVPR 2023
[4] Wenke Huang [†] , Guancheng Wan [†] , Mang Ye, Bo Du Federated Graph Semantic and Structural Learning We handle federated graph learning from node-level semantic and graph-level structure.	IJCAI 2023
[3] Xiyuan Yang [†] , Wenke Huang [†] , Mang Ye Dynamic Personalized Federated Learning with Adaptive Differential Privacy We consider dynamic personalized FL with adaptive differential privacy	NeurIPS 2023
[2] Wenke Huang , Mang Ye, Bo Du Learn from Others and Be Yourself in Heterogeneous Federated Learning We investigate heterogeneity problems and catastrophic forgetting in federated learning.	CVPR 2022
[1] Wenke Huang , Mang Ye, Bo Du, Xiang Gao Few-Shot Model Agnostic Federated Learning We study a challenging problem, namely few-shot model agnostic federated learning.	ACM MM 2022

RESEARCH EXPERIENCE

Microsoft Research Asia , Beijing, China Research Intern in Social Computing Group, advised by Fangzhao Wu	April. 2023 – Jun. 2023
Alibaba Group , Hangzhou, China Research Intern in alibaba-xux Team	Jun. 2020 – Aug. 2020
Wuhan University , Wuhan, China Research Intern in NIS&P Lab, advised by Zhibo Wang	Nov. 2018 – Mar. 2020

SELECTED HONORS

Scholarship of Graduate Academic Innovation (First Prize) Link	Oct. 2023
Scholarship of Guotai Junan Securities Co.,Ltd (Top 2) Link	Nov. 2022
National Second Prize in the 9 rd CHINA SOFTWARE CUP Demo	Aug. 2020
Meritorious Winner in the MCM/ICM Link	Feb. 2020
Futures Practitioner Qualification Certificate from China Futures Association Link	Nov. 2019
National Third Prize in the 8 rd CHINA SOFTWARE CUP Demo	Sep. 2019
Second National Scholarship from Ministry of Education of China	Nov. 2018

SERVICE & TALK

Conference Reviewer: ICCV (2023), AAAI (2024)

Journal Reviewer: IEEE TNNLS, IEEE TNET,

MISC

Interests: Fitness, Surfing, Running, Basketball, Football

Instruments: Piano, Electronic Organ, Guitar

Music: Boombap, Melodic Rap, Hardcore Rap