

Siteng Huang

PH.D. STUDENT IN COMPUTER SCIENCE

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Summary

I am a joint Ph.D. student of Westlake University and Zhejiang University, advised by Dr. Donglin Wang. Also, I am a member of MiLAB (Machine Intelligence Laboratory) in Westlake University, where I do my research work on machine learning and robot learning.

Research Interests

I am interested in technologies that allow machines and robots to learn like humans. In particular, I am committed to giving robots the ability to understand the world and learn from previous experiences, so that they can complete new tasks, acquire new skills or adapt to new environments rapidly with fewer samples through learning algorithms. Currently, my areas of interest include meta-learning, multi-task learning, and transfer learning on few-shot learning tasks. I am also interested in deep learning, computer vision, natural language processing, and multimodal machine learning.

Education

Zhejiang University & Westlake University

JOINT PH.D. STUDENT IN COMPUTER SCIENCE

- Advisor: Donglin Wang

Hangzhou, China

September 2019 - PRESENT

Wuhan University

BACHELOR OF ENGINEERING IN SOFTWARE ENGINEERING

- GPA: 3.65/4.0

Wuhan, China

September 2015 - June 2019

Publications

Conference

- Zifeng Zhuang, Xintao Xiang, **Siteng Huang**, Donglin Wang, "HINFShot: A Challenge Dataset for Few-Shot Node Classification in Heterogeneous Information Network". In *Proceedings of ACM International Conference on Multimedia Retrieval 2021 (ICMR 2021)*.
- Zhengyu Chen, Jixie Ge, Heshen Zhan, **Siteng Huang**, Donglin Wang, "Pareto Self-Supervised Training for Few-Shot Learning". In *Proceedings of the 2021 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR 2021)*.
- **Siteng Huang**, Min Zhang, Yachen Kang, Donglin Wang, "Attributes-Guided and Pure-Visual Attention Alignment for Few-Shot Recognition". In *Proceedings of the 35th AAAI Conference on Artificial Intelligence (AAAI 2021)*.
- **Siteng Huang**, Donglin Wang, Xuehan Wu, Ao Tang, "DSANet: Dual Self-Attention Network for Multivariate Time Series Forecasting". In *Proceedings of the 28th ACM International Conference on Information and Knowledge Management (CIKM 2019)*.

Awards & Honors

Scholarships

- **National Scholarship for Ph.D. Students**, Zhejiang University, 2020
- **First Prize Scholarship**, Wuhan University, 2018

Awards

- **Third Prize**, Citi Financial Innovation Application Competition, 2017

Skills

Programming Languages Python, Java, JavaScript

Frameworks PyTorch, Flask