

Zhaowei Zhu

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Education

University of California, Santa Cruz	CA, USA, 09/2019 – present
<i>Ph.D. in Computer Science; GPA: 3.93/4.00</i>	<i>Advisor: Prof. Yang Liu</i>
University of Chinese Academy of Sciences & ShanghaiTech University	Shanghai, China, 09/2016 – 07/2019
<i>M.S. in Communication and Information System; GPA: 3.86/4.00</i>	<i>Advisor: Prof. Xiliang Luo</i>
University of Electronic Science and Technology of China (UESTC)	Chengdu, China, 09/2012 – 07/2016
<i>B.S. in Communication Engineering; GPA: 3.87/4.00</i>	<i>Advisor: Prof. Wenhui Xiong</i>

Research Interests

Weakly-supervised learning, fairness in machine learning, federated learning

Selected Publications (including preprint)

(*Equal contributions)

Conference Papers

1. **Z. Zhu**, Y. Song, and Y. Liu, “Clusterability as an alternative to anchor points when learning with noisy labels”, *preprint*, [arXiv:2102.05291](https://arxiv.org/abs/2102.05291).
2. **Z. Zhu**, T. Liu, and Y. Liu, “A second-order approach to learning with instance-dependent label noise”, *CVPR (oral presentation)* 2021.
3. **Z. Zhu***, J. Zhu*, J. Liu, and Y. Liu, “Federated bandit: a gossiping approach”, *SIGMETRICS*, 2021. (AR \approx 12.1%)
4. H. Cheng*, **Z. Zhu***, X. Li, Y. Gong, X. Sun, and Y. Liu, “Learning with instance-dependent label noise: a sample sieve approach”, *ICLR* 2021.
5. J. Wang, H. Guo, **Z. Zhu**, and Y. Liu, “Policy learning using weak supervision”, *preprint*, [arXiv:2010.01748](https://arxiv.org/abs/2010.01748).

Journal Articles

1. **Z. Zhu**, T. Liu, Y. Yang, and X. Luo, “BLOT: Bandit learning-based offloading of tasks in fog-enabled networks,” *IEEE Trans. Parallel Distrib. Syst.*, 2019.
2. **Z. Zhu**, S. Jin, Y. Yang, H. Hu, and X. Luo, “Time reusing in D2D-enabled cooperative networks,” *IEEE Trans. Wireless Commun.*, vol. 17, no. 5, pp. 3185–3200, Feb. 2018.

Employment Experience

CSE 142, Machine Learning , Prof. Yang Liu	TA @ UC Santa Cruz, Spring 2020
SI 140, Probability and Statistics , Prof. Ziyu Shao	TA @ ShanghaiTech University, Fall 2017
EE 150, Signals and Systems , Prof. Xiliang Luo	TA @ ShanghaiTech University, Spring 2017

Skills

Python, MATLAB, C, \LaTeX .