XU LUO

University of Electronic Science and Technology of China
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EDUCATION

- **University of Electronic Science and Technology of China** *Sept. 2022 - Present*
  Ph.D Degree in Computer Science
- **University of Electronic Science and Technology of China** *Sept. 2019 - June 2022*
  Master Degree in Computer Science
- **Xiamen University** *Sept. 2015 - June 2019*
  Bachelor Degree in Mathematics

RESEARCH EXPERIENCE

- **Center of Future Media, UESTC** *Sept. 2022 - Present*
  Adviser: Jingkuan Song
  Focus: Few-shot learning, Representation learning
  Project: Further in-depth researches on few-shot learning problems.
- **Statistical Machine Intelligence Learning Laboratory, UESTC** *Sept. 2019 - June 2022*
  Adviser: Zenglin Xu
  Focus: Few-shot learning, Representation learning
  Project: Responsible for understanding the key point of few-shot learning and exploring its relationship with visual representation learning.
- **Huawei Cloud AI Lab, Beijing** *Mar 2021 - Aug. 2021*
  Adviser: Longhui Wei
  Focus: Few-shot learning, Contrastive learning
  Project: Responsible for exploring the negative effect of image background on few-shot learning and designing a feasible solution.

RESEARCH ACTIVITIES

a) Publications

- Jing Xu, **Xu Luo**, Xinglin Pan, Yanan Li, Wenjie Pei and Zenglin Xu. Alleviating the sample selection bias in few-shot learning by removing projection to the centroid. In *Annual Conference on Neural Information Processing Systems* (NeurIPS), 2022.
- **Xu Luo**, Jing Xu and Zenglin Xu. Channel importance matters in few-shot image classification. In *International Conference on Machine Learning* (ICML), 2022.
- **Xu Luo**, Longhui Wei, Liangjian Wen, Jinrong Yang, Lingxi Xie, Zenglin Xu, and Qi Tian. Rectifying the shortcut learning of background for few-shot learning. In *Annual Conference on Neural Information Processing Systems* (NeurIPS), 2021.
- **Xu Luo**, Yuxuan Chen, Liangjian Wen, Lili Pan and Zenglin Xu. Boosting few-shot classification with view-learnable contrastive learning. In *IEEE International Conference on Multimedia and Expo* (ICME), 2021.
- Maolin Wang, Zeyong Su, **Xu Luo**, Yu Pan, Shenggen Zheng and Zenglin Xu. Concatenated tensor networks for deep multi-task learning. In *International Conference on Neural Information Processing* (ICONIP), 2020.

c) Referee Service

- PC member of ICML 2022, CVPR 2023, ECCV 2022, AAAI 2023 and the L3D-IVU workshop at CVPR 2022, 2023.

AWARDS & SCHOLARSHIPS

- **2022**, Outstanding Master's Thesis Award.
- **2022**, Outstanding Graduates of Sichuan Province.
- **2022**, Outstanding Graduates of UESTC.
- **2018**, First Prize in Contemporary Undergraduate Mathematical Contest in Modeling, China.