Longhui Yuan

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EDUCATION

- **Beijing Institute of Technology** — Beijing, China
  Master's Student in School of Computer Science and Technology, Advisor: Prof. Shuang Li — *Sep. 2022 - Present*

- **Beijing Institute of Technology** — Beijing, China
  B.Eng. in School of Computer Science and Technology, GPA: 87% (Percentile scale) — *Sep. 2018 - Jul. 2022*

RESEARCH INTERESTS

My research interests include transfer learning and data-efficient learning(particularly domain adaptation, active learning, test-time adaptation, source-free domain adaptation) across vision tasks and domains.

PUBLICATIONS

1. **Longhui Yuan**, Binhui Xie, and Shuang Li. Robust Test-Time Adaptation in Dynamic Scenarios, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2023, Vancouver, Canada.

2. Mixue Xie, Shuang Li, **Longhui Yuan**, Chi Liu, Zehui Dai. Evolving Standardization for Continual Domain Generalization over Temporal Drift, *Neural Information Processing Systems (NeurIPS)*, 2023

3. Binhui Xie, **Longhui Yuan**, Shuang Li, Chi Harold Liu and Xinjing Cheng. Towards Fewer Annotations: Active Learning via Region Impurity and Prediction Uncertainty for Domain Adaptive Semantic Segmentation, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2022, New Orleans, Louisiana, USA. **Oral Presentation**

4. Binhui Xie, **Longhui Yuan**, Shuang Li, Chi Harold Liu, Xinjing Cheng, and Guoren Wang. Active Learning for Domain Adaptation: An Energy-based Approach, *AAAI Conference on Artificial Intelligence (AAAI)*, 2022, Virtual Conference.

Undergraduate's Thesis: Research on Active Domain Adaptive Algorithm Based on Energy Function, 2022.

ACADEMIC SERVICES

- **Reviewer** for ICCV'23, CVPR'23.

HONORS

- **Honors Student**, XUTELI School, Beijing Institute of Technology, 2022.