

TAO PU

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EDUCATION

Sun Yat-Sen University (SYSU), Guangzhou, China 2020 – Present

Ph.D. student in Computer Science (CS), advised by Prof. Liang Lin.

Sun Yat-Sen University (SYSU), Guangzhou, China 2016 – 2020

B.S. in Computer Science (CS).

PUBLICATIONS

Journal Papers († indicates co-first authors, * indicates the corresponding author)

- **Tao Pu**, Mingzhan Sun, Hefeng Wu*, Tianshui Chen, Ling Tian, Liang Lin, "Semantic Representation and Dependency Learning for Multi-Label Image Recognition" in **Neurocomputing 2022**.
- Tianshui Chen†, **Tao Pu**†, Hefeng Wu*, Yuan Xie, Lingbo Liu, Liang Lin, "Cross-Domain Facial Expression Recognition: A Unified Evaluation Benchmark and Adversarial Graph Learning" in **T-PAMI 2022**.

Conference Papers († indicates co-first authors, * indicates the corresponding author)

- Zeng Lu, **Tao Pu**, Tianshui Chen*, Liang Lin, "Content-Aware Hierarchical Representation Selection for Cross-View Geo-Localization" in **ACCV 2022**.
- **Tao Pu**†, Tianshui Chen†, Hefeng Wu, Liang Lin*, "Semantic-Aware Representation Blending for Multi-Label Image Recognition with Partial Labels" in **AAAI 2022**.
- Tianshui Chen†, **Tao Pu**†, Hefeng Wu, Yuan Xie, Liang Lin*, "Structured Semantic Transfer for Multi-Label Recognition with Partial Labels" in **AAAI 2022**.
- **Tao Pu**, Tianshui Chen*, Yuan Xie, Hefeng Wu, Liang Lin, "AU-Expression Knowledge Constrained Representation Learning for Facial Expression Recognition" in **ICRA 2021**.
- Yuan Xie, Tianshui Chen*, **Tao Pu**, Hefeng Wu, Liang Lin, "Adversarial Graph Representation Adaptation for Cross-Domain Facial Expression Recognition" in **ACM MM 2020, Oral Presentation**.

EXPERIENCE

DMAI, Research Center, Research Intern, Guangzhou, China 2021.3 – 2021.7

- Major Topic: Multi-label Image Recognition

DMAI, Research Center, Research Intern, Guangzhou, China 2019.2 – 2020.5

- Major Topic: Facial Expression Recognition

SKILLS

- Recently Used: Python, PyTorch

AWARDS & SCHOLARSHIPS

Tencent Scholarship, Tencent 2021, 2022

Undergraduate National Scholarship, Ministry of Education 2017