



Hong-Xing Yu (Koven)

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RESEARCH EXPERIENCES

Currently I'm an M.Sc. student in the vision group in Sun Yat-sen University, under the supervision of [Prof. Wei-Shi Zheng \(Google Scholar\)](#). My research is mainly focused on **person re-identification**, which can be modeled as a cross-view image retrieval problem that involves **representation learning**. Concerning the notorious difficulty of pairwise label annotations in person re-identification, my work mainly aimed to develop scalable unsupervised models with **machine learning** techniques. Through the research experiences, I developed strong interest in machine learning and computer vision.

EDUCATION

Master of Science in CS

Sun Yat-sen University

Aug. 2017 - present

Bachelor of Engineering in EE

Sun Yat-sen University

Aug. 2013 - Jun. 2017

PUBLICATIONS [[Google Scholar](#)]

6. [H.-X. Yu](#), A. Wu and W.-S. Zheng, "Unsupervised person re-identification by deep asymmetric metric embedding", *TPAMI* Accepted, to appear.
5. G.-Y. Hao, [H.-X. Yu](#), W.-S. Zheng, "MIXGAN: Learning concepts from different domains for mixture generation", *IJCAI* 2018.
4. Z. Yin, W.-S. Zheng, A. Wu, [H.-X. Yu](#), H. Wan, X. Guo, F. Huang, J. Lai, "Adversarial Attribute-Image Person Re-identification", *IJCAI* 2018.
3. Z. Chen, [H.-X. Yu](#), A. Wu, W.-S. Zheng, "Letter-level writer identification", *IEEE Conference on Automatic Face and Gesture Recognition (FG)* 2018.
2. [H.-X. Yu](#), A. Wu and W.-S. Zheng, "Cross-view asymmetric metric learning for unsupervised person re-identification", *ICCV* 2017.
1. A. Wu, W.-S. Zheng, [H.-X. Yu](#), S. Gong and J. Lai, "RGB-infrared cross-modality person re-identification", *ICCV* 2017.

AWARDS

- Chinese National Scholarship (Undergraduate), Ratio: top 2%, 2015-2016
- Chinese National Scholarship (Master student), Ratio: top 2%, 2017-2018
- Graduation with Distinction (Undergraduate), Ratio: top 5%, 2017

ACADEMIC SERVICE

- Reviewer for CVPR 2018