

JIANING LI

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in Jianing

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▲ BRIEF BIO

I am currently a 4th year Ph.D student at Peking University, under the supervision by Prof. Shiliang Zhang. My research interests includes computer vision and deep learning. My recent works focus on pose estimation, self-supervised/semi-supervised learning, instance segmentation, detection and some related fields. Moreover, I am interested in some related fields in computer vision.

🎓 EDUCATION

Peking University (PKU), Beijing, China

2017 -- Present

Ph.D. student in Computer Applied Technology. Advisor: Prof. Shiliang Zhang

Huazhong University of Science and Technology (HUST), Wuhan, China

2013 -- 2017

B.S. in School of Computer Science and Technology

📖 PUBLICATIONS

Journal:

- **Jianing Li**, Shiliang Zhang, and Tiejun Huang. Multi-Scale Temporal Cues Learning for Video Person Re-Identification. *IEEE Trans. on Image Processing (TIP)*, 2020.
- **Jianing Li**, Shiliang Zhang, Qi Tian, Meng Wang, and Wen Gao. Pose-Guided Representation Learning for Person Re-Identification. *IEEE Trans. on Pattern Analysis and Machine Intelligence (PAMI)*, 2019.

Conference:

- **Jianing Li**, Shiliang Zhang. Joint Visual and Temporal Consistency for Unsupervised Domain Adaptive Person Re-Identification. *ECCV*, 2020.
- **Jianing Li**, Shiliang Zhang, Jingdong Wang, Qi Tian, and Wen Gao. Global-Local Temporal Representations For Video Person Re-Identification. *ICCV*, 2019.
- **Jianing Li**, Shiliang Zhang, and Tiejun Huang. Multi-scale 3D Convolution Network for Video Based Person Re-Identification. *AAAI(oral)*, 2019.
- Chi Su*, **Jianing Li***, Shiliang Zhang, Junliang Xing, Wen Gao, and Qi Tian. Pose-driven Deep Convolutional Model for Person Re-identification. *ICCV*, 2017 (*equal contribution).

Google scholar citation: > 700.

📜 PATENT

- Deep learning based algorithm for image person re-identification.
CN patent, No. 2017107801790
- Multi-scale 3D convolution network based algorithm for video based person re-identification.
CN patent, No. 2019100130826
- Pose-guided representation learning method for image person re-identification.
CN patent, No. 2019106779835
- Global-local temporal representation learning method for video person re-identification.
CN patent, No. 2019114226010
- Joint visual and temporal consistency cluster method for unsupervised person re-identification.
CN patent, No. 2020107071022

SERVICES

- Reviewer of *ICCV*, *CVPR*, *AAAI*, *VCIP*.
- Reviewer of *PAMI*, *TIP*, *TMM*, *T-CSVT*, *TOMM*.

PROJECT EXPERIENCE

- **Large-scale Person Re-Identification.** Cooperative projects with MSRA, 2018
- **Vehicle video content analysis and retrieval.** The Beijing's Science Fund for Distinguished Young Scholars project, 2018-2020.
- **Content analysis and mining in ground air integration video for smart city.** National Key R&D Program of China, 2020.

SKILLS

- Programming Level: Familiar with C, C++ and Python *etc.* programming language, and Caffe, PyTorch and MXNET *etc.* deep learning framework.
- Research Field: My research interests include pose estimation, self-supervised/semi-supervised learning, instance segmentation, detection and some related fields.
- Language: Chinese, English, Japanese.

HONORS AND AWARDS

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|---|-----------|
| 2021 Huawei Scholarship | May. 2021 |
| 2020 National Scholarship | Oct. 2020 |
| 2020 Peking University Academic Innovation Award | Dec. 2020 |
| 2020 Peking University Merit Student | Oct. 2020 |
| 2020 President Scholarship | Jun. 2020 |
| 2019 Peking University Qingyun Shi Excellent Paper Award | Dec. 2019 |
| 2018 Peking University Academic Excellence Award | Oct. 2018 |
| 2017 2nd Prize in 4th China Graduate Contest on Smart City Technology and Creative Design | Aug. 2017 |