

# Xiaobin Liu (刘晓滨)

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<https://liu-xb.github.io>

## EDUCATION BACKGROUND

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**Peking University** 2016.09-present  
Ph.D. student in Computer Applied Technology Beijing  
Advisor: Prof. Shiliang Zhang

**Nankai University** 2012.09-2016.06  
Artificial Science and Technology Tianjin  
Bachelor of Engineering

## RESEARCH INTERESTS

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Deep Learning for Computer Vision, Multimedia Information Retrieval

- Large-scale image retrieval
- Deep hashing
- Vehicle and person re-identification

## PUBLICATIONS

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1. **Xiaobin Liu**, Shiliang Zhang, Ming Yang. Self-Guided Hash Coding for Large-Scale Person Re-Identification, MIPR, 2019. (Acceptance rate: 19.3%)
2. Shangzhi Teng, **Xiaobin Liu**, Shiliang Zhang, Qingming Huang. SCAN: Spatial and Channel Attention Network for Vehicle Re-Identification, PCM, 2018.
3. Longhui Wei, **Xiaobin Liu**, Jianing Li, Shiliang Zhang. VP-ReID: Vehicle and Person Re-Identification System, ICMR Demo, 2018.
4. **Xiaobin Liu**, Shiliang Zhang, Qingming Huang, Wen Gao. RAM: A Region-Aware Deep Model for Vehicle Re-Identification, ICME, 2018.
5. **Xiaobin Liu**, Shiliang Zhang, Tiejun Huang, Qi Tian. E2BoWs: An End-to-End Bag-of-Words Model via Deep Convolutional Neural Network for Image Retrieval. Accepted by Neurocomputing.
6. **Xiaobin Liu**, Shiliang Zhang, Tiejun Huang, Qi Tian. E2BoWs: An End-to-End Bag-of-Words Model via Deep Convolutional Neural Network, China MM, 2017.

## AWARDS

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1. Excellence Talents Scholarship, Cooperative Medianet Innovation Center (among top 5 in all second-year Ph.D. students in Institute of Digital Media, Peking University), 2018.