Ming Li

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RESEARCH INTEREST

Person or Vehicle Re-Identification, MTMC Tracking and Self-supervised Learning in Computer Vision and AI.

PUBLICATIONS

- **LodoNet: A Deep Neural Network with 2D Keypoint Matching for 3D LiDAR Odometry Estimation.** Ce Zheng, Yecheng Lyu, **Ming Li**, Ziming Zhang. 28th ACM International Conference on Multimedia.
- **Self-supervised Discriminability Aware Networks for Vehicle Re-identification only with ID Labels**. **Ming Li**, Yecheng Lyu, Yun Yue, Ce Zheng, Xinming Huang, Ziming Zhang. Submitted to AAAI 2021.
- **TreeRNN: Topology-Preserving Deep Graph Embedding and Learning**. Yecheng Lyu, **Ming Li**, Xinming Huang, Ziming Zhang. Submitted to ICPR 2020.
- **Stable Training of RNNs via Frank-Wolfe Method.** Yun Yue, **Ming Li**, Ziming Zhang. Submitted to ICPR 2020.

ENGLISH PROFICIENCY

IELTS Score: overall 7.0 reading 6.5 listening 6.5 writing 7.5 speaking 7.0

WORK EXPERIENCE

- **Research Assistant at Worcester Polytechnic Institute** **Nov, 2019 – present**
  Conducting research in person or vehicle re-identification in video surveillance.
- **Research Assistant at *UNC-Chapel Hill*** **Sep, 2018 – Oct, 2019**
  Conducted research in adversarial learning, domain adaptation and medical image segmentation.

EDUCATION

- **Master's Degree in Electronic Engineering** (*School of EECS* in *Peking University* (*PKU*)) **Sep, 2015 – Jul, 2018**
  GPA: 3.30/4.0 Rank: 1/15 Admitted to PKU directly exempted from National College Entrance Examinations. Conducted engineering project in satellite navigation and timing.
- **Bachelor's Degree in Electronic Engineering** (*School of EE* in *Xidian University* (*XDU)*) **Aug, 2011 – Jul, 2015**
  major GPA: 3.85/4.0 math GPA: 4.0/4.0(94.86/100) overall GPA: 3.39/4.0 Rank: 2/113
  College Entrance Examination Score: 623/750 (math score 141/150), Rank: 8000/90 0000 (Henan province)

OTHER RESEARCH EXPERIENCE

- CSCADA: Cycle and Semantic Consistency Adversarial Domain Adaptation for Cross-Modality Medical Image Segmentation
- Unsupervised Retinal Vessel Segmentation Adaptation across STARE and DRIVE by Using U-net and Style Transfer
- Adversarial Retinal Vessel Segmentation Using U-net and PatchGAN

AWARD

- **The First Prize of Preliminary Contest of Chinese Mathematics Competitions (CMC) (2013)**
- **The Special Scholarship for Graduate Students in *PKU* (2017)**
- **The First Prize Scholarship of *XDU* (2012, 2014)**
- **College Students Outward Development Certificate of *XDU* (2014)**
- **The Second Prize Scholarship of *PKU* (2015, 2016, 2017)**

ENTERTAINMENT

I like jogging, hiking and swimming in my leisure time. Particularly, I jog 10KM every Sunday morning and persist this since I was an undergraduate student.