

Weixin Luo

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+ RESEARCH INTEREST

I am interested in computer vision and deep learning, especially action recognition, anomaly detection, object detection, segmentation, etc.

+ EDUCATION

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|--|---|-------------------------|
| ➤ Sept. 2015 – June 2020
GPA: 3.5 / 4.0 | Ph.D. in Computer Science
Mentor: Shenghua Gao | ShanghaiTech University |
| ➤ Sept. 2011 – June 2015
GPA: 3.7 / 4.0 | B.Eng. in Computer Science
Graduate with Honor | Shenzhen University |

+ SELECTED PUBLICATIONS

- Wen Liu*, **Weixin Luo***, Shenghua Gao. Large Margin Video Anomaly Detection with A Few Anomalies. submitted to NIPS 2018
- Wen Liu*, **Weixin Luo***, Shenghua Gao. Future Frame Prediction for Anomaly Detection – A New Baseline. CVPR 2018
- Zongwei Wang, Xu Tang, **Weixin Luo**, Shenghua Gao. Face Aging with Identity-Preserved Conditional Generative Adversarial Network. CVPR 2018
- **Weixin Luo***, Wen Liu*, Shenghua Gao. A Revisit of Sparse Coding Based Anomaly Detection in Stacked RNN Framework. ICCV 2017
- **Weixin Luo***, Wen Liu*, Shenghua Gao. Remembering History with Convolutional LSTM for Anomaly Detection. ICME 2017 (**Oral**, 15% accept rate)
- Meng Yang, Weiyang Liu, **Weixin Luo**, Linlin Shen. Analysis-Synthesis Dictionary Learning for Universality-Particularity Representation Based Classification. AAAI 2016
- Dongze Lian, Shenghua Gao, Lina Hu, **Weixin Luo**, Yanyu Xu, Lixin Duan, Jingyi Yu. Multi-view Multi-task Gaze Prediction with Deep Convolutional Neural Networks. TNNLS 2018
- **Weixin Luo***, Wen Liu*, Shenghua Gao, Dongze Lian. Video Anomaly Detection with Sparse Coding Inspired Deep Neural Networks (submitted to TPAMI 2018)

(* denotes equal contribution)

+ WORK EXPERIENCE

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|------------------------|---|
| June – Aug. 2017 | Research Intern in IMED China
Project: Diabetic Retinitis Image Analysis with Deep Learning
Mentor: Jimmy Liu |
| Dec. 2018 – June. 2019 | Visiting student in UC Davis, US
Mentor: Yong Jae Lee |

+ PROFESSIONAL SERVICE

Aug. 2017	An invited talk in VALSE Web Seminar Title: Anomaly Detection in Deep Learning
Spring 2017	Teaching Assistant: Computer Vision
2018	ACCV Reviewer