

Wen Liu

+86 17621868091 | liuwen@shanghaitech.edu.cn | 393 Middle Huaxia Road, Pudong, Shanghai, 201210, China

+ EDUCATION

- ⦿ **2016 – Present** **Computer Science** **M. S** ShanghaiTech University Shanghai, China
Topic: Deep Learning in Computer Vision, Anomaly Detection and Medical Image Analysis.
Advisor: Shenghua Gao
- ⦿ **2012 – 2016** **Software Engineering** **B. E** Northwestern Polytechnical University Xian, China
GPA 3.51/4.0 (top 5%), Outstanding Graduate

+ PUBLICATIONS

- ⦿ 2017/9 – 2017/11 **Wen Liu**, Weixin Luo, Dongze Lian, Shenghua Gao. [Future Frame Prediction for Anomaly Detection – A New Baseline, CVPR 2018](#) ([GitHub codes](#)).
- ⦿ 2016/12 – 2017/3 Weixin Luo*, **Wen Liu***, Shenghua Gao. [A Revisit of Sparse Coding Based Anomaly Detection in Stacked RNN Framework](#), ICCV 2017 (shared equal contributions).
- ⦿ 2016/8 – 2016/12 Weixin Luo*, **Wen Liu***, Shenghua Gao. [REMEMBERING HISTORY WITH CONVOLUTIONAL LSTM FOR ANOMALY DETECTION](#), ICME 2017 oral present (shared equal contributions).

+ INTERN AND PROJECT

- ⦿ 2017/6 – 2017/9 [Intelligent Medical Imaging Research Group](#), Ningbo, China
Apply deep learning based methods on eye medical images analysis and focus on diabetic retinopathy detection and
 - Diabetic Retinopathy Detection, use multi-task learning for diabetic retinopathy grading and achieve the state of art on public dataset.
 - Optic Disc and Cup Segmentation, use a two-stage convolutional neural network for automatic optic disc and cup segmentation.One paper is under review on TBME journal and another is under viewer on EBMC 2018.

+ PROFESSIONAL SKILLS

- ⦿ Programming languages Python, C/C++, Java
- ⦿ Deep learning frameworks TensorFlow, Caffe
- ⦿ Operating systems Linux, Windows

+ TEACHING ASSISTANT

Deep Learning, 2018 Spring semester

+ AWARDS

2016 Outstanding Graduate of Northwestern Polytechnical University