ZHUOWAN LI

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EDUCATION

Johns Hopkins University   2018 - 2023 (Expected)
Ph.D. in Computer Science
Advisor: Alan Yuille

Tsinghua University   2014 - 2018
B.E. in Electronic Engineering   Overall GPA: 88/100
Second major: Journalism and Communication

RESEARCH EXPERIENCE

Adobe Research   May 2019 - Nov 2019
Research intern at San Jose, mentors: Quan Tran (qtran@adobe.com)*, Long Mai*(malong@adobe.com)*,
Zhe Lin* (zlin@adobe.com)

· Query suggestion for text-to-image retrieval(Context-aware group captioning)
· Propose new datasets and methods for this new task

Johns Hopkins University   Oct 2018 - April 2019
Ph.D. research supervised by Prof. Alan Yuille (alan.l.yuille@gmail.com)

· Explainable visual question answering(VQA) on CLEVR and GQA dataset

Sensetime   Oct 2017 - March 2018
Part-time Research Internship supervised by Doc. Shuai Yi (yishuai@sensetime.com)

· Improve person re-identification(ReID) by reconstructing person images from identity representation
  using GAN

Tsinghua University   Nov 2016 - May 2017
Research Assistant supervised by Prof. Shengjin Wang (wgsgj@tsinghua.edu.cn)

· Build fine-grained attribute annotation for a large-scale person re-identification dataset
· Align person ReID images based on pose estimation results

PUBLICATIONS

Zhuowan Li, Quan Tran, Long Mai, Zhe Lin, Alan Yuille. Context-Aware Group Captioning via
Self-Attention and Contrastive Features. CVPR 2020.

Yixiao Ge*, **Zhuowan Li***, Haiyu Zhao, Guojun Yin, Shuai Yi, Xiaogang Wang, Hongsheng Li. 2018.
FD-GAN: Pose-guided Feature Distilling GAN for Robust Person Re-identification. NeurIPS 2018.

SKILLS

Programming Languages   Python, MATLAB, C++, C, LATEX
Deep Learning Tools   Pytorch, Tensorflow, Torch, Caffe