

Mingqing Xiao

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ADDRESS: Peking University, Beijing 100871, China

Education

- School of Electronics Engineering and Computer Science,** Beijing, China
Peking University (PKU) *Sep 2016-present*
- B.S. in Computer Science. Diploma expected 2020.
- School of Psychological and Cognitive Sciences,** Beijing, China
Peking University (PKU) *Sep 2017-present*
- B.S. in Psychology (secondary major). Diploma expected 2020.

Internship

- Microsoft Research Asia** Beijing, China
Sep 2019-Present
- Research Intern at Machine Learning Group led by Dr. [Tie-Yan Liu](#)
 - Research on Machine Learning and Computer Vision.
- Johns Hopkins University** Baltimore, MD, USA
June 2019-Sep 2019
- Research Intern, supervisor: Prof. [Alan Yuille](#)
 - Research on Robust Computer Vision Models and Interpretable Machine Learning.

Publications / Preprints

Mingqing Xiao; Shuxin Zheng; Chang Liu; Yaolong Wang; Di He; Jiang Bian; Guolin Ke; Zhouchen Lin; and Tie-Yan Liu. Invertible Image Rescaling. In submission.

Mingqing Xiao; Adam Kortylewski; Ruihai Wu; Siyuan Qiao; Wei Shen; and Alan Yuille. 2019. TDAPNet: Prototype Network with Recurrent Top-Down Attention for Robust Object Classification under Partial Occlusion. [arXiv preprint arXiv:1909.03879](#). In submission.

Jia Li; **Mingqing Xiao**; Cong Fang; Yue Dai; Chao Xu; and Zhouchen Lin. Training Deep Neural Networks by Lifted Proximal Operator Machines. In submission to IEEE Trans. Pattern Analysis and Machine Intelligence.

Research Interests

My research interests lie in the general area of machine learning, including deep learning, optimization, statistical modeling, and interpretable models, as well as their application in computer vision, image processing, and intersection with cognitive science.