

YICHUN SHI

RM 3208, 428 S. Shaw Ln. | East Lansing, MI 48824-1226
517-220-8402 | shiyichu@msu.edu

EDUCATION | PH.D. STUDENT, COMPUTER SCIENCE AND ENGINEERING

Michigan State University
AUG 2016 – PRESENT

Supervisor: Dr. Anil K. Jain

B.S., COMPUTER SCIENCE AND ENGINEERING

Shanghai Jiao Tong University
SEP 2012 – JUN 2016

RESEARCH EXPERIENCE | RESEARCH ASSISTANT

Pattern Recognition and Image Processing (PRIP) Lab, Michigan State University

AUG 2016 - PRESENT

Supervisor: Dr. Anil K. Jain

Work on face recognition, face clustering.

RESEARCH ASSISTANT

Key Laboratory of Shanghai Commission for Intelligent Interaction and Cognitive Engineering, Shanghai Jiao tong University

AUG 2014 – AUG 2016

Advisor: Dr. Hongtao Lu

Worked on visual object tracking.

INTERNSHIP | RESEARCH INTERN

NEC Lab of America.

MAY 2019 – AUG 2019

Worked on face recognition.

PH.D. INTERN

Visa, Inc.

MAY 2018 – AUG 2018

Worked on ID document photo matching.

PUBLICATION | Y. Shi, A. K. Jain. "Probabilistic Face Embeddings", to appear in IEEE International Conference on Computer Vision (ICCV), 2019.

Y. Shi, D. Deb, A. K. Jain. "WarpGAN: Automatic Caricature Generation", in IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2019.

S. Gong, **Y. Shi**, A. K. Jain. "Video Face Recognition: Component-wise Feature Aggregation Network (C-FAN)", in International Conference on Biometrics (ICB), 2019.

Y. Shi, A. K. Jain. "DocFace+: ID Document to Selfie Matching", in IEEE Transaction on Biometrics, Behavior, and Identity Science, 2019.

Y. Shi, A. K. Jain. "DocFace: Matching ID Document Photos to Selfies", in IEEE International Conference on Biometrics: Theory, Applications, and Systems (BTAS), 2018.

D. Deb, S. Wiper, A Russo, S Gong, **Y. Shi**, C. Tymoszek, A. K. Jain. "Face Recognition: Primates in the Wild", in IEEE International Conference on Biometrics: Theory, Applications, and Systems (BTAS), 2018.

Y. Shi, C. Otto, A. K. Jain. "Face Clustering: Representation and Pairwise Constraints", in IEEE Trans. on Information Forensics and Security, 2018.

Y. Shi, A. K. Jain. "Improving Face Recognition by Exploring Local Features with Visual Attention", in IAPR International Conference on Biometrics (ICB), 2018.

AWARDS | *Academic Excellent Scholarship*, Shanghai Jiao Tong University
Autumn 2014
Xindong Scholarship, Shanghai Jiao Tong University
Autumn 2014

SKILLS | Python, C++, Matlab, Tensorflow, Caffe