YICHUN SHI

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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

PH.D. INTERN
Visa, Inc.
MAY 2018 – AUG 2018

Worked on ID document photo matching.

PUBLICATION

Y. Shi, A. K. Jain. "DocFace+: ID Document to Selfie Matching", to appear 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", to appear 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, OpenCV, Tensorflow, Caffe