

RESEARCH INTEREST	Computer Vision, Machine Learning, Deep Learning
SKILLS	<b>Efficient:</b> Deep learning (Tensorflow, Caffe), Python, C++, Matlab <b>Familiar:</b> Java, C#, PHP, MySQL
EDUCATION	<b>Michigan State University</b> , East Lansing, MI Ph.D., Computer Science <span style="float: right;"><b>Expected in May 2019</b></span> <ul style="list-style-type: none"><li>• Advisors: Prof. Xiaoming Liu</li><li>• GPA: 3.6/4.0</li></ul> <b>Michigan State University</b> , East Lansing, MI B.S., Computer Science <span style="float: right;"><b>May 2015</b></span> <ul style="list-style-type: none"><li>• GPA: 4.0/4.0</li></ul>
EXPERIENCE	<b>Summer Research Assisstant</b> NEC Labs America, Inc., Cupertino, CA <span style="float: right;"><b>May 2017 - present</b></span> <ul style="list-style-type: none"><li>• Working on problem of domain adaptation for fine-grained object recognition such with limited labeled training data</li></ul> <b>Graduate Research Assisstant</b> Computer Vision Lab, East Lansing, MI <span style="float: right;"><b>Aug 2015 - present</b></span> <ul style="list-style-type: none"><li>• Worked in “Learning to Fuse Information with Missing Modality” project: designed and developed a suite of computer vision and machine learning tools that can learn to fuse information from different sensors when a significant portion of training data has missing modalities</li><li>• Developed a generative model jointly performs representation learning and image synthesis for pose-invariant face recognition</li></ul> <b>Software Engineering Intern</b> Meijer, Inc., East Lansing, MI <span style="float: right;"><b>Jan 2015 - May 2015</b></span> <ul style="list-style-type: none"><li>• Worked in a team of four students in Michigan State University senior capstone course</li><li>• Designed and implemented “Product Availability Check using Glassware”</li><li>• Created a Google Glass application that can scan a barcode for Universal Product Code and connect to Microsoft Azure Mobile Service to retrieve data using Java, SQLite</li></ul> <b>Undergraduate Research Assisstant</b> 3D Vision Lab, East Lansing, MI <span style="float: right;"><b>Jun 2014 - May 2015</b></span> <ul style="list-style-type: none"><li>• Engineering Summer Undergraduate Research Experience, mentored by Dr. Daniel Morris</li><li>• Developed a medical application to tracking user motions and extracting tremors frequency</li><li>• Presented a research poster “Hand and arm tremors detection using Kinect sensor” at the Mid-Michigan Symposium for Undergraduate Research Experiences, July 23, 2014</li></ul>
HONORS AND AWARDS	Michigan State University Board of Trustees Award: <span style="float: right;"><b>Apr 2015</b></span> <i>Graduating seniors having the highest cumulative grade-points</i> First Prize Microsoft Coding Competition at MSU <span style="float: right;"><b>Nov 2013, Oct 2014</b></span> First Prize in Herzog Mathematics Competition <span style="float: right;"><b>Dec 2013, Dec 2014</b></span> Second Prize in Vietnamese National Mathematics Olympiad <span style="float: right;"><b>Mar 2010</b></span>
PUBLICATIONS	<b>Conference Papers</b> <ul style="list-style-type: none"><li>• <b>Luan Tran</b>, Xi Yin, Xiaoming Liu, “Disentangled Representation Learning GAN for Pose-Invariant Face Recognition,” in <i>Proceeding of IEEE International Conference on Computer Vision and Pattern Recognition (CVPR) 2017</i>, Honolulu, Hawaii, July, 2017. (<b>Oral presentation, Acceptance rate 2.7%</b>) <a href="#">PDF</a></li><li>• <b>Luan Tran</b>, Xiaoming Liu, Jiayu Zhou, and Rong Jin, “Missing Modalities Imputation via Cascaded Residual Autoencoder,” in <i>Proceeding of IEEE International Conference on Computer Vision and Pattern Recognition (CVPR) 2017</i>, Honolulu, Hawaii, July, 2017. (<b>Acceptance rate 29.0%</b>) <a href="#">PDF</a></li></ul>
REFERENCES	Dr. Xiaoming Liu, Assistant Professor, liuxm@cse.msu.edu, (517) 355-2359 Dr. Daniel Morris, Associate Professor, dmorris@msu.edu, (517) 432-4427 Dr. Jiayu Zhou, Assistant Professor, jiayuz@msu.edu, (517) 353-6484