

Weijian Xu

CONTACT INFORMATION	Computer Science and Engineering 9500 Gilman Drive, La Jolla, CA 92093	<i>Phone:</i> +1 (858) 888-6347 <i>E-mail:</i> wex041@eng.ucsd.edu <i>Site:</i> https://weijianxu.com
RESEARCH INTERESTS	Deep Learning and Computer Vision	
EDUCATION	University of California San Diego , La Jolla, CA <i>Ph.D. in Computer Science</i> <ul style="list-style-type: none">• Advisor: Zhuowen Tu	2018-Present
	University of California San Diego , La Jolla, CA <i>M.S. in Computer Science</i> <ul style="list-style-type: none">• Overall GPA: 3.97/4.00• AI track GPA: 4.00/4.00	2016-2018
	Beihang University , Beijing, China <i>B.E. in Computer Science</i> <ul style="list-style-type: none">• Selected into Honors College• Overall GPA: 3.88/4.00	2012-2016
RESEARCH EXPERIENCE	Microsoft Research Asia , Beijing, China <i>Research Intern</i> , Mentor: Jingdong Wang Developed a few-shot learning algorithm by applying task-dependent disentangled feature transformation into feature embedding. This work is submitted to CVPR 2019.	2018
	University of California San Diego , La Jolla, CA <i>Graduate Research Assistant</i> , Mentor: Zhuowen Tu Developed the Wasserstein introspective neural network and applied it to 2D and 3D generative models. Related works are accepted by CVPR 2018 and AAAI 2019.	2017-2018
	Tsinghua University , Beijing, China <i>Undergraduate Research Assistant</i> , Mentor: Jiwu Shu Developed a distributed in-memory file system with non-volatile memory and RDMA support.	2015-2016
PUBLICATIONS	<ol style="list-style-type: none">3. Weijian Xu and Jingdong Wang. Task-dependent Disentangled Feature Transformation for Few-shot Learning. Submitted to <i>IEEE/CVF Computer Vision and Pattern Recognition</i> (CVPR), 2019.2. Wenlong Huang*, Brian Lai*, Weijian Xu and Zhuowen Tu. 3D Volumetric Modeling with Introspective Neural Networks. In <i>the Thirty-Third AAAI Conference on Artificial Intelligence</i> (AAAI), 2019.1. Kwonjoon Lee, Weijian Xu, Fan Fan and Zhuowen Tu. Wasserstein Introspective Neural Networks. In <i>IEEE/CVF Computer Vision and Pattern Recognition</i> (CVPR), 2018 (Oral).	

AWARDS	GSA Travel Grant in UC San Diego	2018
	National Scholarship of China	2015
	Run Corporation Scholarship	2015
	Honorable Prize in the Interdisciplinary Contest in Modeling	2015
	First Prize in China Undergraduate Mathematical Contest in Modeling	2014
	First Prize Scholarship for Freshman in Beihang University	2012
TEACHING EXPERIENCE	Teaching Assistant , University of California San Diego COGS 118A - Introduction to Machine Learning I	Winter 2018
PROFESSIONAL ACTIVITY	Reviewer: <ul style="list-style-type: none"> IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 	2019
MISC.	Languages and Frameworks: Python, C/C++, PyTorch, TensorFlow. Development Environment: Linux/Unix, macOS and Windows. Fluent in English and Chinese.	