

# Lin Huang

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CONTACT INFORMATION	University at Buffalo CSE Department	<i>E-mail:</i> lhuang27@buffalo.edu <i>Website:</i> <a href="https://linhuang17.github.io/">https://linhuang17.github.io/</a>
RESEARCH INTERESTS	Computer Vision, Machine Learning, Pose Estimation, 3D Reconstruction, Human Behavior Analysis, Human-Computer Interaction	
EDUCATION	<b>University at Buffalo, Buffalo, USA</b> Jan. 2019 – 2024 ( <i>expected</i> ) Doctorate of Philosophy in Computer Science and Engineering Advisor: Prof. Junsong Yuan	
	<b>University of Southern California, Los Angeles, USA</b> Jan. 2017 - Dec. 2018 Master of Science in Electrical Engineering GPA: 4.0/4.0	
	<b>Lanzhou University, Lanzhou, CHINA</b> Sep. 2012 - Jun. 2016 Bachelor of Engineering in Electronic Information Science and Technology GPA: 4.57/5.00	
CONFERENCE PUBLICATIONS	HOT-Net: Non-Autoregressive Transformer for 3D Hand-Object Pose Estimation <b>Lin Huang</b> , Jianchao Tan, Jingjing Meng, Ji Liu, and Junsong Yuan In <i>Proc. ACM International Conf. on Multimedia (ACM MM)</i> , 2020	
	Hand-Transformer: Non-Autoregressive Structured Modeling for 3D Hand Pose Estimation <b>Lin Huang</b> , Jianchao Tan, Ji Liu, and Junsong Yuan In <i>Proc. European Conf. on Computer Vision (ECCV)</i> , 2020	
	Learning Progressive Joint Propagation for Human Motion Prediction Yujun Cai, <b>Lin Huang</b> , Yiwei Wang, Tat-Jen Cham, Jianfei Cai, Junsong Yuan, Jun Liu, Xu Yang, Yiheng Zhu, Xiaohui Shen, Ding Liu, Jing Liu, and Nadia Magnenat Thalmann In <i>Proc. European Conf. on Computer Vision (ECCV)</i> , 2020	
JOURNAL PUBLICATIONS	Survey on Depth and RGB Image-based 3D Hand Shape and Pose Estimation <b>Lin Huang*</b> , Boshen Zhang*, Zhilin Guo*, Yang Xiao, Zhiguo Cao, and Junsong Yuan In <i>Virtual Reality and Intelligent Hardware (VRIH)</i> , 2021	
CONTESTS	<b>National Undergraduate Electronic Design Contest, CHINA</b> 2015 Group Leader Wireless Video Communication Network The Second Prize of National Undergraduate Electronic Design Contest	
INDUSTRY EXPERIENCES	<b>Reality Labs at Meta, Redmond, USA</b> Dec. 2021 - present Part-Time Student Researcher Interaction Tracking Supervisor: Dr. Tomas Hodan	

	<b>Reality Labs at Meta, Redmond, USA</b>	Aug. 2021 - Dec. 2021
	Research Intern Interaction Tracking Supervisor: Dr. Tomas Hodan	
	<b>Y-tech Lab at Kwai, Seattle, USA</b>	May. 2020 - Aug. 2020
	Research Intern 3D Hand Pose Estimation Supervisor: Dr. Jianchao Tan and Dr. Ji Liu	
PROFESSIONAL SERVICES	<b>Review:</b> CVPR, ECCV, ICCV, TIP	
TEACHING	<b>Introduction to Pattern Recognition (CSE555)</b> Teaching Assistant	Fall 2020
	<b>Data Intensive Computing (CSE587)</b> Teaching Assistant	Spring 2020
HONORS & AWARDS	<b>Masters Student Honors Program (USC Viterbi)</b>	2018
	<b>Excellent Graduate of Lanzhou University</b>	2016
	<b>The Honor of Student Model in Lanzhou University</b>	2013, 2014
	<b>The First-class Scholarship in Lanzhou University</b>	2014
	<b>The Second-class Scholarship in Lanzhou University</b>	2012, 2013
SKILLS	<b>Programming:</b> Python, Java, C++, MATLAB <b>Software:</b> Latex, Multisim	