Lin Huang

CONTACT INFORMATION	University at Buffalo CSE Department	*E-mail:* lhuang27@buffalo.edu *Website:* https://linhuang17.github.io/

RESEARCH INTEREST
Computer Vision, Machine Learning, Pose Estimation, 3D Reconstruction, Human Behavior Analysis, Human-Computer Interaction

EDUCATION

University at Buffalo, Buffalo, USA   Jan. 2019 – 2024 (*expected*)
Doctorate of Philosophy in Computer Science and Engineering
Advisor: Prof. Junsong Yuan

University of Southern California, Los Angeles, USA   Jan. 2017 - Dec. 2018
Master of Science in Electrical Engineering
GPA: 4.0/4.0

Lanzhou University, Lanzhou, CHINA   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
Lin Huang, Jianchao Tan, Jingjing Meng, Ji Liu, and Junsong Yuan
In *Proc. ACM International Conf. on Multimedia (ACM MM)*, 2020

Hand-Transformer: Non-Autoregressive Structured Modeling for 3D Hand Pose Estimation
Lin Huang, Jianchao Tan, Jingjing Meng, Ji Liu, and Junsong Yuan
In *Proc. European Conf. on Computer Vision (ECCV)*, 2020

Learning Progressive Joint Propagation for Human Motion Prediction
Yujun Cai, **Lin Huang**, 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 *Proc. European Conf. on Computer Vision (ECCV)*, 2020

CONTESTS

National Undergraduate Electronic Design Contest, CHINA   2015
Group Leader
Wireless Video Communication Network
The Second Prize of National Undergraduate Electronic Design Contest

INDUSTRY EXPERIENCE

Y-tech Lab, Kwai Inc., Seattle, USA   May. 2020 - Aug. 2020
Research Intern
3D Hand Pose Estimation
Supervisor: Dr. Jianchao Tan and Dr. Ji Liu

PROFESSIONAL SERVICES

Review: CVPR, TIP

TEACHING

Introduction to Pattern Recognition (CSE555), Buffalo, USA   Fall 2020
Teaching Assistant

Data Intensive Computing (CSE587), Buffalo, USA   Spring 2020

Teaching Assistant

Honors & Awards	**Masters Student Honors Program (USC Viterbi)**	2018
	Excellent Graduate of Lanzhou University	2016
	The Honor of Student Model in Lanzhou University	2013, 2014
	The First-class Scholarship in Lanzhou University	2014
	The Second-class Scholarship in Lanzhou University	2012, 2013

Skills **Programming:** Python, Java, C++, MATLAB
Software: Latex, Multisim