

Lin Huang

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| CONTACT INFORMATION | University at Buffalo CSE Department | <i>E-mail:</i> lhuang27@buffalo.edu <i>Website:</i> https://linhuang17.github.io/ |
| RESEARCH INTERESTS | Computer Vision, Machine Learning, Pose Estimation, 3D Reconstruction, Human Behavior Analysis, Human-Computer Interaction | |
| EDUCATION | University at Buffalo, Buffalo, USA Jan. 2019 – 2024 (<i>expected</i>) 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 <i>Proc. ACM International Conf. on Multimedia (ACM MM)</i> , 2020 Hand-Transformer: Non-Autoregressive Structured Modeling for 3D Hand Pose Estimation Lin Huang , 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, 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 <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 Lin Huang* , Boshen Zhang*, Zhilin Guo*, Yang Xiao, Zhiguo Cao, and Junsong Yuan In <i>Virtual Reality and Intelligent Hardware (VRIH)</i> , 2021 | |
| CONTESTS | National Undergraduate Electronic Design Contest, CHINA 2015 Group Leader Wireless Video Communication Network The Second Prize of National Undergraduate Electronic Design Contest | |
| INDUSTRY EXPERIENCES | 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, ICCV, TIP | |

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| TEACHING | Introduction to Pattern Recognition (CSE555) | Fall 2020 |
| | Teaching Assistant | |
| | Data Intensive Computing (CSE587) | 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 | |