LIN HUANG

Page: https://linhuang17.github.io/   Email: lhuang27@buffalo.edu

EDUCATION

University at Buffalo, Buffalo, USA   *Jan. 2019 – Jun. 2023 (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

Neural Correspondence Field for Object Pose Estimation
Lin Huang, Tomas Hodan, Lingni Ma, Linguang Zhang, Luan Tran, Christopher Twigg, Po-Chen Wu, Junsong Yuan, Cem Keskin, and Robert Wang
European Conference on Computer Vision (ECCV) 2022, Tel-Aviv

HOT-Net: Non-Autoregressive Transformer for 3D Hand-Object Pose Estimation
Lin Huang, Jianchao Tan, Jingjing Meng, Ji Liu, and Junsong Yuan
ACM International Conference on Multimedia (ACM MM) 2020, Seattle

Hand-Transformer: Non-Autoregressive Structured Modeling for 3D Hand Pose Estimation
Lin Huang, Jianchao Tan, Ji Liu, and Junsong Yuan
European Conference on Computer Vision (ECCV) 2020, Glasgow

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
European Conference on Computer Vision (ECCV) 2020, Glasgow

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
Virtual Reality and Intelligent Hardware (VRIH) 2021

INDUSTRY EXPERIENCES

Microsoft Azure AI, Redmond, WA, USA   *May. 2022 - Aug. 2022*
Research Intern
- Supervisor: Dr. Chung-Ching Lin, Dr. Kevin Lin, Dr. Lin Liang, Dr. Lijuan Wang, Dr. Zicheng Liu

Reality Labs at Meta, Redmond, WA, USA   *Dec. 2021 - Apr. 2022*
Part-Time Student Researcher
- Interaction Tracking
- Supervisor: Dr. Tomas Hodan

Reality Labs at Meta, Redmond, WA, USA   *Aug. 2021 - Dec. 2021*
Research Intern
- Interaction Tracking
- Supervisor: Dr. Tomas Hodan

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

CONTESTS

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

PROFESSIONAL SERVICES

Conference Reviewer: CVPR, ECCV, ICCV, ICIP, WF-IOT

Journal Reviewer: TIP, TCSVT, TVCJ, JVCI, MVAP, SPIC

TEACHING

Teaching Assistant: Introduction to Pattern Recognition (CSE555)   *Fall 2020*

Teaching Assistant: Data Intensive Computing (CSE587)   *Spring 2020*

AWARDS

Masters Students Honors Program, USC Viterbi   *2018*

Outstanding Graduate of Lanzhou University   *2016*

Pacemaker to Merit Student of Lanzhou University   *2013, 2014*

First-class Scholarship, Lanzhou University   *2014*

Second-class Scholarship, Lanzhou University   *2012, 2013*