LIN HUANG

https://linhuang17.github.io/

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

- **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
  Proc. European Conf. on Computer Vision (ECCV), 2022

- **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, Ji Liu, and Junsong Yuan
  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
  Proc. European Conf. on Computer Vision (ECCV), 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*
  Virtual Reality and Intelligent Hardware (VRIH), 2021

CONTESTS

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

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

PROFESSIONAL SERVICES

Reviewer: CVPR, ECCV, ICCV, TIP

TEACHING

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

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

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*