

BUZHEN HUANG

Ph.D. Student, Southeast University
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RESEARCH INTERESTS

Fields: Computer Vision, Computer Graphics
Topics: Human Mesh Recovery, Motion Capture

EDUCATION

Southeast University Mar 2022 - present
Ph.D. in Control Science and Engineering Advisor: Prof. Yangang Wang

Southeast University Sep 2019 - Mar 2022
M.S. in Control Engineering Advisor: Prof. Yangang Wang

University of Pennsylvania Feb 2018 - Mar 2018
Visiting Student

Hangzhou Dianzi University Sep 2015 - Jun 2019
B.E. in Automation, rank: 3/152 Advisor: Prof. Chenggang Yan and Prof. Yue Gao

PUBLICATIONS

- [1] [Object-Occluded Human Shape and Pose Estimation with Probabilistic Latent Consistency](#)
Buzhen Huang*, Tianshu Zhang* and Yangang Wang (*equal contribution)
IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), 2022
- [2] [Pose2UV: Single-shot Multi-person Mesh Recovery with Deep UV Prior](#)
Buzhen Huang*, Tianshu Zhang* and Yangang Wang (*equal contribution)
IEEE Transactions on Image Processing (TIP), 2022
- [3] [Neural MoCon: Neural Motion Control for Physically Plausible Human Motion Capture](#)
Buzhen Huang, Liang Pan, Yuan Yang, Jingyi Ju and Yangang Wang
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2022
- [4] [Dynamic Multi-Person Mesh Recovery from Uncalibrated Multi-View Cameras](#)
Buzhen Huang, Yuan Shu, Tianshu Zhang and Yangang Wang
International Conference on 3D Vision (3DV), 2021
- [5] [Object-Occluded Human Shape and Pose Estimation from a Single Color Image](#)
Tianshu Zhang*, **Buzhen Huang***, Yangang Wang (*equal contribution)
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2020 (Oral Presentation)
- [6] [A Flower Classification Framework Based on Ensemble of CNNs](#)
Buzhen Huang, Youpeng Hu, Yaoqi Sun, Xinhong Hao, Chenggang Yan
Pacific-Rim Conference on Multimedia (PCM), 2018

AWARDS & HONORS

First Place Winner in 2022 GigaCrowd Challenge 2022
National Scholarship 2022
Style3D Graduate Fellowship (1 of 10 in China) 2022
Excellent Graduate of Zhejiang Province 2019
National Scholarship 2017
First Prize in Provincial Undergraduate Electronic Design Contest 2017

PROFESSIONAL SERVICE

Conference Reviewer: CVPR, ICCV, ECCV, ACM MM, CICA
Journal Reviewer: TMM, Computers & Graphics

ACADEMIC TALKS

Invited Speaker at Huawei, Noah's Ark Lab 2022

TEACHING ASSISTANT

Digital Image Processing System, Southeast University Fall 2020
Instructor: Yangang Wang

Introduction to Artificial Intelligence, Southeast University Fall 2019
Instructor: Yangang Wang