

Yuanhao Zhai

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EDUCATION

- State University of New York at Buffalo, Buffalo, USA** Feb 2021 - Present
- PhD student in Computer Science & Engineering.
 - Advisor: Prof. Junsong Yuan and Prof. David Doermann.
- Xi'an Jiaotong University, Xi'an, China** Sep 2016 - July 2020
- Bachelor of Engineering in Computer Science.
 - Advisor: Dr. Ziyi Liu and Prof. Le Wang.
- University of California, Berkeley, Berkeley, USA** Jan 2019 - May 2019
- Exchange student of the Berkeley International Study Program.
 - Courses: Computer Security, Intro to Computer Graphics, Applications of Parallel Computer.

RESEARCH EXPERIENCE

- Xi'an Jiaotong University, Xi'an, China Feb 2018 - July 2021
Institute of Artificial Intelligence and Robotics
Topic: Human action analysis, video understanding.
Research Assistant, advisor: Dr. Ziyi Liu and Prof. Le Wang

PUBLICATIONS

Journal Publications

1. **Yuanhao Zhai**, Le Wang, Wei Tang, Qilin Zhang, Nanning Zheng, and Gang Hua, "Action Coherence Network for Weakly-Supervised Temporal Action Localization", IEEE Transactions on Multimedia (T-MM), 2021. [[Paper](#)]
2. Le Wang, Rizhi Ding, **Yuanhao Zhai**, Qilin Zhang, Wei Tang, Nanning Zheng, and Gang Hua, "Giant Panda Identification", IEEE Transactions on Image Processing (T-IP), 30, pp. 2837-2849, 2021. [[Paper](#)]

Conference Publications

1. **Yuanhao Zhai**, Le Wang, Wei Tang, Qilin Zhang, Junsong Yuan, and Gang Hua, "Two-Stream Consensus Network for Weakly-Supervised Temporal Action Localization", European Conference on Computer Vision (ECCV'2020), pp. 37-54, 2020. (*Spotlight*) [[Paper](#)]
2. **Yuanhao Zhai**, Le Wang, Ziyi Liu, Qilin Zhang, Gang Hua, and Nanning Zheng, "Action Coherence Network for Weakly Supervised Temporal Action Localization", IEEE International Conference on Image Processing (ICIP'2019), pp. 918-922, 2019. [[Paper](#)]

HONORS & AWARDS

- Runner Up, CVPR'2021 HACS Weakly-Supervised Temporal Action Localization Challenge [[Report](#)] 2021
- Ji Ke Prize (8-th/763 teams), Alibaba Tianchi temporal action localization competition 2020
- Outstanding Graduates, Xi'an Jiaotong University 2020
- Excellent Student, Xi'an Jiaotong University 2017, 2018, 2019
- Peng Kang Scholarship, Xi'an Jiaotong University 2017

Last update: October 4, 2021.

PROFESSIONAL SERVICES

Conference Reviewer

- IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2022
- IEEE International Conference on Automatic Face and Gesture Recognition (FG), 2021

Journal Reviewer

- IEEE Transactions on Image Processing (T-IP)
- IEEE Transactions on Multimedia (T-MM)
- IEEE Intelligent Systems
- Journal of Visual Communication and Image Representation