

YIHONG CHEN

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RESEARCH INTEREST

My research interest is on computer vision and machine learning problems in general. I am currently working on basic computer vision tasks like object detection and problems that have great application in real world scenarios. I am also fond of things that aim at creating.

EDUCATION

Peking University, Beijing, China *August 2018 - Present*
Beijing Institute of Big Data Research, Academy for Advanced Interdisciplinary Studies
Master student (supervised by [Liwei Wang](#)) in Data Science
Cambridge University, United Kingdom *August 2016*
Visiting student
Xiamen University, Xiamen, China *August 2014 - June 2018*
School of Mathematical Sciences
Bachelor of Science in Mathematics Overall (Major) GPA: 3.78 (3.95)/4.0

PUBLICATION

1. **Yihong Chen**, Zheng Zhang, Yue Cao, Liwei Wang, Stephen Lin and Han Hu, "[RepPoints V2: Verification Meets Regression for Object Detection](#)"
Accepted by Conference on Neural Information Processing Systems (NeurIPS) 2020
2. **Yihong Chen**, Yue Cao, Han Hu and Liwei Wang, "[Memory Enhanced Global-Local Aggregation for Video Object Detection](#)"
Accepted by IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2020

EXPERIENCE

Microsoft Research Asia, China *Dec. 2019 - Present*
Full-time research intern
I am fortunate to work with and learned a lot from [Han Hu](#), [Yue Cao](#), [Zheng Zhang](#) and [Steve Lin](#). My research topics are focused on basic computer vision tasks like object detection, instance segmentation and their extension in video understanding.

HONORS & REWARDS

- National Scholarship, Ministry of Education of China, 2020
- summa cum laude, Xiamen University, 2018
- Silver Medal, ACM-ICPC Asia Regional, 2017
- National Scholarship, Ministry of Education of China, 2016
- The Elite Undergraduate Training Program of Math, Ministry of Education of China, 2015-2018
- Bronze Medal, National Olympiad in Informatics (NOI), 2013

MISC

- Conference Reviewer: CVPR 2021