

Qixin Hu

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Education

Huazhong University of Science and Technology, M.S.

Wuhan, China

- Research Interests: computational vision, medical image analysis, 3D vision.

2020 - 2023

Huazhong University of Science and Technology, B.S.

Wuhan, China

- GPA: 3.90/4.00

2016 - 2020

Publications

5. **Qixin Hu**, Alan Yuille, Zongwei Zhou. "Synthetic Data as Validation." **Submitted to ICLR 2024**.
4. Jiacong Xu, ..., **Qixin Hu**, et al. "Animal3D: A Comprehensive Dataset of 3D Animal Pose and Shape." **ICCV 2023**.
3. **Qixin, Hu**, Yixiong Chen, Junfei Xiao, Shuwen Sun, Jie-Neng Chen, Alan Yuille, Zongwei Zhou. "Label-Free Liver Tumor Segmentation." **CVPR 2023**.
2. **Qixin, Hu**, Junfei Xiao, Yixiong Chen, Shuwen Sun, Jie-Neng Chen, Alan Yuille, Zongwei Zhou. "Synthetic Tumors Make AI Segment Tumors Better." **NeurIPS workshop 2022**.
1. **Qixin, Hu**, Siyan Xu, Xue-wen Chen, Xinggang Wang, and Ken Xingze Wang. "Object recognition for remarkably small field-of-view with speckles." **APL 2021**.

Research Experience

Foundation Models on Medical Image, CUHK

Hong Kong, China

ADVISORS: PROF. DOU QI

Sep. 2023 - Now

- **Achievement:** Rank **top 0.5% (4/847)** in a competition of Foundation Models in medical imaging.

Label-efficient Learning Methods, Johns Hopkins University

Baltimore, United States

ADVISORS: ALAN YUILLE (**BLOOMBERG DISTINGUISHED PROFESSOR**) & DR. ZONGWEI ZHOU

June 2022 - Now

- **Achievements:** NIPSw 2022, CVPR 2023, ICCV 2023.

3D Vision on Human Reconstruction, Tsinghua University

Beijing, China

ADVISORS: PROF. YEBIN LIU

June 2021 - Sep. 2021

- **Research Intern.** Image-based 3D human reconstruction.

Object Recognition with Speckle, HUST

Wuhan, China

ADVISOR: PROF. XINGGANG WANG

Sep. 2020 - June 2021

- **Achievement:** APL 2021.

National Student Inno. and Entre. Training Program, HUST

Wuhan, China

ADVISOR: PROF. MING YANG

April 2019 - April 2020

- **Team Leader.** We took advantage of Chua's circuit to build a real random number generator.

Awards & Fellowships

- 2022 **First Class Zhixing Outstanding Student Scholarship,**
- 2021 **Outstanding Graduate Student,**
- 2020 **Honored Undergraduates ,**
- 2018 **National Encouragement Scholarship,**