HAO XU

University of Electronic Science and Technology of China `https://hxwork.github.io/`

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EDUCATION

University of Electronic Science and Technology of China (UESTC)   Chengdu, China
M.Sc. of Information and Communication Engineering   *Sept. 2019 - June 2022*

Sichuan University (SCU)   Chengdu, China
B.E. of Electronic Information Engineering   *Sept. 2015 - June 2019*

PUBLICATIONS

- **<u>Hao Xu</u>**, Nianjin Ye, Guanghui Liu, Bing Zeng, Shuaicheng Liu, "FINet: Dual Branches Feature Interaction for Partial-to-Partial Point Cloud Registration", Thirty-Sixth AAAI Conference on Artificial Intelligence (**AAAI**), 2022.

- **<u>Hao Xu</u>**, Shuaicheng Liu, Guangfu Wang, Guanghui Liu, Bing Zeng, "OMNet: Learning Overlapping Mask for Partial-to-Partial Point Cloud Registration", IEEE International Conference on Computer Vision (**ICCV**), 2021.

RESEARCH EXPERIENCES

Megvii Technology   Chengdu, China
Research Intern   *Dec. 2018 - June 2022*

- Driver Monitor System (DMS)

  Design a light-weighted end-to-end network running on an onboard chip to detect smoking, phoning, and drinking in driving.

- NIO Gaze Estimation

  Design a light-weighted end-to-end network running on an onboard chip to estimate gaze and detect eye closure and occlusion at the same time.

HONORS AND AWARDS

First Class Academic Scholarship by UESTC   *Sept. 2021*

First Class Academic Scholarship by UESTC   *Sept. 2019*

Third Class Academic Scholarship by SCU   *Sept. 2018*

Second Class Academic Scholarship by SCU   *Sept. 2017*

SKILLS

- Programming Language: `Python, MATLAB`
- Deep Learning Framework: `PyTorch, TensorFlow, MegEngine`