

GANGWEI XU

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EDUCATION

Huazhong University of Science and Technology *2017.09 - 2021.06*
B.E. in School of EIC.

Huazhong University of Science and Technology *2021.09 - 2024.06 (expected)*
Master in School of EIC, advised by Prof. **Xin Yang**.

EXPERIENCE

Institute of Artificial Intelligence, Huazhong University of Science and Technology.

2020.04 - present
Advised by Prof. **Xin Yang**. I work on 3D vision including **stereo matching, optical flow and multi-view stereo**.

PUBLICATIONS

Attention Concatenation Volume for Accurate and Efficient Stereo Matching. **CVPR 2022**
Gangwei Xu*, Junda Cheng*, Peng Guo, Xin Yang. [\[Paper\]](#), [\[Code\]](#)

Iterative Geometry Encoding Volume for Stereo Matching. **CVPR 2023**
Gangwei Xu, Xianqi Wang, Xiaohuan Ding, Xin Yang. [\[Paper\]](#), [\[Code\]](#)

Accurate and Efficient Stereo Matching via Attention Concatenation Volume.
Gangwei Xu, Yun Wang, Junda Cheng, Jinhui Tang, Xin Yang. [\[Paper\]](#), [\[Code\]](#)

CGI-Stereo: Accurate and Real-Time Stereo Matching via Context and Geometry Interaction.
Gangwei Xu*, Huan Zhou*, Xin Yang. [\[Paper\]](#), [\[Code\]](#)

AWARDS

Merit Graduate Student award, Huazhong University of Science and Technology. *2022.10*
First-Class Scholarship, Huazhong University of Science and Technology *2021.10*
Outstanding Graduate award, Huazhong University of Science and Technology *2021.06*

TEACHING

Multimedia Information Retrieval, Teaching Assistant *Fall, 2022*
C Language Programming Design, Teaching Assistant *Fall, 2021*