

# GANGWEI XU

Email: gwxu@hust.edu.cn

## EDUCATION

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

*2017.09 - 2021.06*

**Huazhong University of Science and Technology**  
Master in School of EIC, advised by Prof. [Xin Yang](#).

*2021.09 - 2024.06 (expected)*

## EXPERIENCE

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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

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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

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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

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Multimedia Information Retrieval, Teaching Assistant

*Fall, 2022*

C Language Programming Design, Teaching Assistant

*Fall, 2021*