

# Haijun Xiong

Curriculum Vitae — Updated: November 11, 2025

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♂ Male, Chinese, born in 14/06/2000

🌐 <http://haijun-xiong.github.io/>

## Education

- Sep.2024 – Present    📖 **Ph.D.** Information and Communication Engineering [Huazhong University of Science and Technology](#), China
- Sep.2022 – Jun.2024    📖 **M.Sc.** Information and Communication Engineering [Huazhong University of Science and Technology](#), China
- Sep.2018 – Jun.2022    📖 **B.E.** Electronic and Information Engineering [Huazhong University of Science and Technology](#), China

## Research Topics

Gait Recognition, Fine-grained Recognition, Multimodal Large Language Models, ...

## Research Publications

Full list in Google Scholar: [Link](#)

### Journal Articles


- 1 **H. Xiong**, B. Feng, B. Wang, X. Wang, and W. Liu, "Fourier-based adaptive counterfactual intervention for object re-identification," *Neural Networks*, vol. 195, p. 108 213, 2026.
- 2 **H. Xiong**, B. Feng, B. Wang, X. Wang, and W. Liu, "Mambagait: Gait recognition approach combining explicit representation and implicit state space model," *Image and Vision Computing*, vol. 161, p. 105 597, 2025.

### Conference Proceedings

- 1 **H. Xiong**, B. Feng, B. Wang, X. Wang, and W. Liu, "Gait recognition via collaborating discriminative and generative diffusion models," in *Proceedings of the AAAI Conference on Artificial Intelligence*, vol. 40, 2026.
- 2 J. Zhou, **H. Xiong**, J. Lu, Z. Lin, and B. Feng, "Cgtgait: Collaborative graph and transformer for gait emotion recognition," in *2025 IEEE International Joint Conference on Biometrics (IJCB)*, IEEE, 2025, pp. 1–11.
- 3 Y. Deng, **H. Xiong**, B. Feng, X. Wang, and W. Liu, "Stp4d: Spatio-temporal-prompt consistent modeling for text-to-4d gaussian splatting," in *2025 IEEE International Joint Conference on Biometrics (IJCB)*, IEEE, 2025, pp. 1–6.
- 4 **H. Xiong**, B. Feng, X. Wang, and W. Liu, "Causality-inspired discriminative feature learning in triple domains for gait recognition," in *European Conference on Computer Vision*, Springer, 2024, pp. 251–270.
- 5 **H. Xiong**, Y. Deng, B. Feng, X. Wang, and W. Liu, "Gaitgs: Temporal feature learning in granularity and span dimension for gait recognition," in *2024 IEEE International Conference on Image Processing (ICIP)*, IEEE, 2024, pp. 2410–2416.
- 6 Y. Deng, **H. Xiong**, and B. Feng, "Licaf: Lidar-camera asymmetric fusion for gait recognition," in *2024 IEEE International Conference on Image Processing (ICIP)*, IEEE, 2024, pp. 2424–2430.

## Honors and Awards

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- 2024     **National Scholarship**, Ministry of Education of the People's Republic of China
- 2022     **Outstanding Graduate**, Huazhong University of Science and Technology



## Skills

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- Languages**     English, Chinese
- Programming & Tools**     Python, PyTorch, C, C++,  $\LaTeX$ , ...

## Peer Reviewing

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- Conferences**     ACM MM, AAAI, IEEE-ICME, IEEE-ICIP
- Journals**     Image and Vision Computing (IMAVIS), IEEE Access