

Yijia Wang

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Shenzhen, China

EDUCATION

• Southern University of Science and Technology

Bachelor of Engineering (expected)

◦ GPA: 3.90/4.00 (WES: 3.98/4.00)

Aug. 2022 - present

Shenzhen, China

• Stanford University

Exchange Student

◦ Grade: 4.00/4.00

Jun. 2024 - Aug. 2024

California, US

PATENTS AND PUBLICATIONS

C=CONFERENCE, J=JOURNAL, P=PATENT (* DENOTES EQUAL CONTRIBUTIONS)

- [J.1] Weiming Chen*, **Yijia Wang***, Zhihan Zhu, Zhihai He. Generative Semantic Coding for Ultra-Low Bitrate Visual Communications and Interactions. *IEEE Transactions on Image Processing* (IF=13.7). Under review.
- [J.2] Weiming Chen, Zhihan Zhu, **Yijia Wang**, Zhihai He. Runge-Kutta Approximation and Decoupled Attention for Rectified Flow Inversion and Semantic Editing. *IEEE Transactions on Image Processing* (IF=13.7). Under review.
- [J.3] **Yijia Wang**, Yiqing Shen, Weiming Chen, Zhihai He. Understanding User Intention with LLM Reasoning for Complex Image Editing Tasks. *Preprint*.
- [P.1] Zhihai He, Weiming Chen, **Yijia Wang**, Zhihan Zhu. **Template-Replacement Image Compression and Reconstruction Method, System and Storage Medium**. CNIPA, Patent No. CN 202511281423.X.
- [P.2] Zhihai He, Weiming Chen, Zhihan Zhu, **Yijia Wang**, Jian Ouyang. **Image Editing Method Based on Attention Decoupling, Device, Terminal and Storage Medium**. CNIPA, Patent No. CN 202511281645.1.

HONORS AND AWARDS

- 2025 BYD Scholarship Nov. 2025
- 2025 Joyce M.Kouk Scholarship Sep. 2025
- 2025 First-Class Scholarship for Outstanding Students Sep. 2025
- Silver Award in 2025 China International College Students' Innovation Competition Aug. 2025
- 2024 Second-Class Scholarship for Outstanding Students Sep. 2024
- 2023 Star of Practice Scholarship Sep. 2023
- 2023 First-Class Scholarship for Outstanding Students Sep. 2023

ADDITIONAL INFORMATION

Interests: Running, Swimming, Piano (Level-10), Hulusi (Level-8)