

# Chang Liu

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## Education

### PhD (Early-start track)

National University of Defense Technology (国防科技大学)  
Cyberspace Security

Changsha, China  
Mar 2024 – present

### MEng (Recommended Admission)

National University of Defense Technology (国防科技大学)  
Computer Science and Technology

Changsha, China  
Sept 2022 – Dec 2023

### BEng

Lanzhou University (兰州大学)  
Computer Science and Technology

Lanzhou, China  
Sept 2018 – June 2022

- Computer Science Honors Class (Provincial/Ministerial Talent Training Base)

## Publications

### HumanSAM: Classifying Human-centric Forgery Videos in Human Spatial, Appearance, and Motion Anomaly

Chang Liu, Yunfan Ye, Fan Zhang, Qingyang Zhou, Yuchuan Luo, Zhiping Cai  
[dejian-lc.github.io/humansam](https://dejian-lc.github.io/humansam)

### Non-local Guided Neural Fields for 4D CT Reconstruction

Qingyang Zhou, Yunfan Ye, Zhihuang Liu, Chang Liu, Zhiping Cai  
[10.1109/TCSVT.2025.3600922](https://doi.org/10.1109/TCSVT.2025.3600922)

### TS-KFNet: Key-Frame Optimized Lightweight Video Forgery Detection

Fan Zhang, Chang Liu, Yuchuan Luo, Zhenyu Qiu, Zhiping Cai  
[poster-openaccess.com/files/ICIC2025/2647.pdf](https://poster-openaccess.com/files/ICIC2025/2647.pdf)

## Awards

### Outstanding Student

College of Computer Science, National University of Defense Technology

Jan 2025

### First-Class Starting Scholarship

National University of Defense Technology

Jan 2024

### Ziqiang Star Honor

Lanzhou University

Jan 2020

## Interests

**Research Interests:** generative detection, multimodal models, AIGC, world models

## Skills

**Programming:** Python, PyTorch

**AI:** Proficient use of AI

## Languages

### Chinese

Native speaker

### English

Fluent