

# Ahmad Mujtaba Ahmadi

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## Profile

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Master's student in Communication and Information Systems at the University of Science and Technology of China (USTC). Research interests include Computer Vision and Artificial Intelligence, with a focus on vision transformers and medical image analysis. Over two years of research experience with multiple accepted publications and ongoing submissions.

## Education

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### Bachelor of Engineering in Communication Engineering

Army Engineering University of the PLA

Sep 2019 – Jul 2023

### Master of Science in Communication and Information Systems

University of Science and Technology of China (USTC)

Sep 2023 – Present

Advisor: Prof. Dong Yin

## Publications

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### Published

- [1] Vision Transformer Adapter for Text Recognition.  
*Proc. 5th Int. Conf. on Artificial Intelligence, Robotics, and Communication (ICAIRC 2025)*.  
EI Indexed. First author.
- [2] DAG-Adapters: Deformable Attention-Guided ViT Adaptation for Medical Image Segmentation.  
*Proc. 7th Int. Conf. on Frontiers in Information and Computer Technology (ICFTIC 2025)*.  
EI Indexed. Co-author.

### Under Review

- [3] ViTALTR: Vision Transformer Adapter with Language Models for Text Recognition.  
Under review at the *28th Int. Conf. on Pattern Recognition (ICPR 2026)*.  
First author. (CCF-C)
- [4] Unifying Vision Transformers and Implicit PDE Decoders for Medical Image Segmentation.  
Under review at the *28th Int. Conf. on Pattern Recognition (ICPR 2026)*.  
Co-author. (CCF-C)

## Skills

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**Technical:** Python, PyTorch, OpenCV, Linux, MATLAB, Microsoft Office, Adobe Photoshop, L<sup>A</sup>T<sub>E</sub>X

**Soft:** Team coordination, time management, operational planning, communication.

## Languages

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English (Proficient), Chinese (HSK6), Persian (Native)

## Hobbies

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Running, Photography, Cycling, Chess, Reading, Hiking