

Ahmad Mujtaba Ahmadi

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Profile

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

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

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

Technical: Python, PyTorch, OpenCV, Linux, MATLAB, Microsoft Office, Adobe Photoshop , L^AT_EX
Soft: Team coordination, time management, operational planning, communication.

Languages

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

Hobbies

Running, Photography, Cycling, Chess, Reading,Hiking