

# Daoze Tang

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## Education

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- **China Agricultural University** (Admitted via Recommendation Program) Beijing, China  
*Master of Engineering in Computer Science and Technology* Sep. 2026 - Jul. 2029
- **Harbin University of Commerce** (Ranking: 1/77) Harbin, China  
*Bachelor of Engineering in Internet of Things Engineering* Sep. 2022 - Jul. 2026

## Experience

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- **Huazhong University of Science and Technology** Wuhan, China  
*Research Intern* Jul. 2025 - Aug. 2025
  - Collaborated with United Imaging Healthcare to assist in 3D medical image data annotation and the design of medical image semantic segmentation algorithms.

## Publication

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- **TANG D, TANG S, FAN Z.** Lcfft-net: A lightweight cross-scale feature fusion network for tiny target detection in uav aerial imagery[J/OL]. PLOS ONE, 2024, 19(12): 1-24.
- **TANG D, TANG S, WANG Y, et al.** A global object-oriented dynamic network for low-altitude remote sensing object detection[J/OL]. Scientific Reports, 2025, 15(1): 19071.
- **TANG D, TANG S, ZHENG D.** Core-net: A cross-modal orthogonal representation enhancement network for low-altitude multispectral object detection[J/OL]. PLOS ONE, 2026, 21(4): 1-23.

## Projects

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- IoT Vehicular Security System Based on Big Data Models and Artificial Intelligence (Project Leader)  
*Supported by National College Students' Innovation and Entrepreneurship Training Program & Heilongjiang Provincial College Students' Entrepreneurship Support Project.*
- Intelligent Crop Harvesting Vehicle Based on AI and Machine Vision (Project Leader)  
*Supported by National College Students' Innovation and Entrepreneurship Training Program.*
- Smart City Management System Driven by Low-Altitude Remote Sensing (Project Leader)  
*Supported by National College Students' Innovation and Entrepreneurship Training Program.*
- Financial Investment Strategy Research and Platform Construction for Heilongjiang's Ice-Snow Economy in the Big Data Era (Core Member)  
*Supported by National College Students' Innovation and Entrepreneurship Training Program.*
- Travel Assistance Device for the Visually Impaired Based on Computer Vision (Core Member)  
*Supported by National College Students' Innovation and Entrepreneurship Training Program.*
- "Spark & Wind": A Rural Revitalization Initiative (Core Member)  
*Supported by National College Students' Innovation and Entrepreneurship Training Program.*

## Awards

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- National Scholarship (Top 0.2%, highest honor for undergraduates in China) 2025
- Merit Student of Heilongjiang Province 2023, 2025
- First Prize, National College Student Market Survey and Analysis Competition 2025