

## Education

- **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

- **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

- **Tang, D.**, Tang, S., Wang, Y., Guan, S., & Jin, Y. (2025). A Global Object-Oriented Dynamic Network for Low-Altitude Remote Sensing Object Detection. *Scientific Reports*, 15(1), 19071.
- **Tang, D.**, Tang, S., & Fan, Z. (2024). LCFF-Net: A Lightweight Cross-Scale Feature Fusion Network for Tiny Target Detection in UAV Aerial Imagery. *PloS One*, 19(12), e0315267.

## Projects

- 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.*

## Language

- English Proficiency: College English Test Band 6 (Pass)

## Awards

- 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