Daoze Tang

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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