



Abdulkadir Duran Adan 阿丹

AI Researcher & Software Engineer



abdulkadir.duran2022@gmail.com



(+86) 131 82767681



Wuhan, China

SUMMARY

An AI researcher with hands-on experience in deep learning and machine learning, and web development. Proven ability to design, implement, and deploy scalable AI models for real-world applications. Seeking to contribute to innovative AI projects in a challenging academic and industry role.

EDUCATION AND TRAINING

Huazhong University of Science and Technology

Master's in Artificial Intelligence | GPA: 3.7/4.0 | [Website](#)

Thesis: Plant-Agnostic Counting in Somalia Using Vision Transformers

Wuhan, China

Sep 2023 – July 2025

Jiangnan University

Bachelor in Computer Science | GPA: 3.5/4.0 | [Website](#)

Thesis: Heart Disease prediction using Machine learning

Wuxi, China

Sep 2019 – Jul 2023

Tsinghua University

Innovating Education for the Digital Economy | [Website](#)

Project: AI's impact on e-commerce and digital Technologies

Beijing, China

Oct 2022 – Nov 2022

SKILLS

- **Programming Languages:** Python, JavaScript
- **Databases:** PostgreSQL
- **Deep Learning Frameworks:** OpenCV, PyTorch, Numpy, Pandas, Matplotlib
- **Web Development:** Django, HTML5, CSS3, Bootstrap
- **Tools:** Git & GitHub, Google Colab, VS Code

PROFESSIONAL EXPERIENCE & PROJECTS

Master's student & Researcher | Huazhong University of Science and Technology

- Co-authored TasseINetV4, a vision foundation model for cross-species and cross-scene plant counting: A Vision Transformer model for robust, scalable agricultural AI applications.
- Co-authored a Chinese patent
- Created Enhancing Autonomous Cars' Intelligence Using Deep Reinforcement Learning: a method for safely navigating Self-driving cars in highway scenarios using a combination of deep Q Networks and neural networks [Code](#)
- Developed a facial recognition system for automated attendance tracking in educational institutions, using computer vision techniques. [Documentation](#)

PUBLICATIONS

Patent

- [1] **Adan AD**, L. Lu, H. Xu, X. Hu, X. Li, X. Li, and T. Hu, “一种融合种类关键信物计算方法和系统,” *Chinese Patent CN120725894A*, Sep. 30, 2025.

Papers

[1] Hu X, Li X, Xu J, **Adan AD**, Zhou L, Zhu X, Li Y, Guo W, Liu S, Liu W, Lu H. TasselNetV4: A vision foundation model for cross-scene, cross-scale, and cross-species plant counting. arXiv preprint arXiv:2509.20857. 2025 Sep 25.

HONORS AND AWARDS

Chinese Government Scholarship

Huazhong University of Science and Technology (2023)

Scientific Research Star [Certificate](#)

Jiangnan University (2022)

Innovation & Entrepreneurship Program Certificate [Certificate](#)

Tsinghua University (2022)

International Student Admissions Ambassador [Certificate](#)

Jiangnan University (2021)

Outstanding Volunteer [Certificate](#)

Jiangnan University (2021)

Gongtiecheng Scholarship [Certificate](#)

Jiangnan University (2020)