

JIAMING HAN

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EDUCATION

Wuhan University (WHU) Sept.2019 - Present

Master of Photogrammetry and Remote Sensing

GPA: 3.85/4 **IELTS:** 6.5

Advisor: Prof. Gui-Song Xia

Central South University (CSU) Sept.2015 - Jun.2019

Bachelor of Remote Sensing Science and Technology

GPA: 85.94/100

Core Courses: Calculus, Linear Algebra, Probability & Statistics, C/C++, Database Theory, Photogrammetry, Remote Sensing, Digital Image Processing, Computer Graphics, Pattern Recognition.

RESEARCH INTERESTS

- **Object detection.** Rotated/3D/OpenSet Object Detection.
- **Visual Object Tracking.**

RESEARCH PUBLICATION

ReDet: A Rotation-Equivariant Detector for Aerial Object Detection [PDF] [Code(173 ☆)]

IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2021

Jiaming Han, Jian Ding, Nan Xue, Gui-Song Xia

Align Deep Features for Oriented Object Detection [PDF] [Code(196 ☆)]

IEEE Transactions on Geoscience and Remote Sensing (**TGRS**), 2021

Jiaming Han, Jian Ding, Jie Li, Gui-Song Xia

RESEARCH EXPERIENCE

Tencent YouTu Lab May.2021 - Present

Research Intern in Computer Vision

Topic: Open-Set Object Detection.

AWARDS & HONORS

- First Prize of Surveying & Mapping Innovation Competition (CSU) 2018
- Scholarship of China National Geological & Mining 2017
- First-Class Scholarship of Central South University 2017
- First-Class Scholarship of Central South University 2016
- Excellent Student of Central South University 2016

TECHNICAL SKILLS

- **Programming Languages:** Python, C/C++, PHP, HTML/JavaScript/CSS, Go
- **Deep Learning Frameworks:** PyTorch, TensorFlow, Detectron2/Mmdetection
- **Tools:** Matlab, Linux, Docker, Latex