

EDUCATION	The State Key Lab. LIESMARS, Wuhan University	Wuhan, China
	<i>M.Sc. in Cartography and Geographic Information Systems</i> • GPA: 3.55/4.00, Average Score: 89.69. • Advisor: Prof. Xianwei Zheng • Research area: Computer Vision and Geographical 3D Reconstruction	2023 - 2026 (<i>expected</i>)
	School of Remote Sensing and Information Engineering, WHU	Wuhan, China
	<i>B.Eng. in Remote Sensing Science and Technology</i> • GPA: 3.75/4.00, Average Score: 88.90.	2019 - 2023
PUBLICATIONS	1. Xu Pan , Zimin Xia, Xianwei Zheng. Scale-aware Co-visible Region Detection for Hierarchical Correspondence Establishment. <i>ISPRS Journal of Photogrammetry and Remote Sensing (Submitted)</i> , 2024.	
PROJECTS	Intelligent Interpretation Platform for Remote Sensing Images Based on Baidu PaddlePaddle Deep Learning Framework	
	<i>Gitub Repo: github.com/TwSphinx54/I2RSI</i> SCoDe <i>Gitub Repo: github.com/TwSphinx54/SCoDe</i>	2022.03 - 2024.01 2023.10 - 2024.03
INTERNSHIPS	Baidu, Inc. - Intl. Tech R&D Dept. Shenzhen, China	2024.12 - 2025.03
	• Proposed a novel DiT-based video generation method, utilizing a key-frame guided strategy for controllable, infinite-length video synthesis. • Evaluated sota image generation models, identifying limitations in text fidelity and visual quality. And Improved training-free attention mechanism to enhance the visual text consistency of DiT-based models. • Contributed to the development and iteration of the SynClub AI chat application, optimizing text-to-image models for improved performance and quality.	

AWARDS AND HONORS	<ul style="list-style-type: none"> • Graduate Academic Excellence Scholarship, The State Key Lab. LIESMARS, Wuhan University, Wuhan University 	2024.12
	<ul style="list-style-type: none"> • Outstanding Student Leader, Wuhan University 	2024.10
	<ul style="list-style-type: none"> • Outstanding Student Club Leader, Wuhan University 	2024.08
	<ul style="list-style-type: none"> • Active Contributor to Social Activities, School of Remote Sensing and Information Engineering, Wuhan University 	2022.10
	<ul style="list-style-type: none"> • National Second Prize, China Software Cup College Student Software Design Competition 	2022.08
	<ul style="list-style-type: none"> • Honorable Mention, Mathematical Contest In Modeling 	2022.03
	<ul style="list-style-type: none"> • Third Prize, Asia and Pacific Mathematical Contest in Modeling 	2021.12
	<ul style="list-style-type: none"> • First Prize in Hubei Division, China Undergraduate Mathematical Contest in Modeling 	2021.10
	<ul style="list-style-type: none"> • Outstanding Student, Wuhan University 	2021.09
	<ul style="list-style-type: none"> • Bronze Medal, China Collegiate Algorithm Design & Programming Challenge Contest 	2021.03
	<ul style="list-style-type: none"> • Second Prize in Final, Translation & Interpreting Contest of Hubei Province 	2020.05
SKILLS	Languages: Mandarin, English.	
	Programming: Python, C++, MATLAB, HTML, CSS, JavaScript, C#, SQL, R.	
	Soft Skills: Leadership, Project Management, Event Management, Writing, Public Speaking.	
CERTIFICATES	System Integration Project Management Engineer <i>Qualification Certificate of Computer and Software Technology Proficiency</i>	
	Certificate of Level 3 in Database Technology <i>National Computer Rank Examination</i>	
	Certificate of Level 3 in Network Technology <i>National Computer Rank Examination</i>	
	Certificate of Level 4 in Network Engineer <i>National Computer Rank Examination</i>	
VOLUNTEER EXPERIENCE	Volunteer of: 2023 International Graduate Workshop on Geo-Informatics, the 21st China Ocean Color Conference.	
	Chairman of: the 22nd LIESMARS Graduate Student Union.	
	Director of: GeoScience Café Operation Center.	