

CHI WAN

Evanston, IL, United States

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EDUCATION

Northwestern University Master of Science in Computer Engineering GPA: 3.97/4.0	Sept 2024 - Present Evanston, IL
Northeastern University Bachelor of Engineering in Intelligent Manufacturing Engineering GPA: 87.6/100	Sept 2020 - June 2024 Shenyang, China

SELECTED PUBLICATIONS

* indicates co-first author

WorldAgen: Unified State-Action Prediction with Test-Time World Model Training

Chi Wan*, Kangrui Wang*, Yuan Si, Pingyue Zhang, Manling Li
AAAI Conference on Artificial Intelligence (AAAI), 2026

VAGEN: Reinforcing World Model Reasoning for Multi-Turn VLM Agents

Kangrui Wang*, Pingyue Zhang, **Chi Wan**, Zihan Wang, Yaning Gao*, Linjie Li, Qineng Wang, Hanyang Chen, Yiping Lu, Zhengyuan Yang, Lijuan Wang, Ranjay Krishna, Jiajun Wu, Li Fei-Fei, Yejin Choi, Manling Li
Advances in Neural Information Processing Systems (NeurIPS), 2025

Dangerous Art Paintings: Artistic Adversarial Attacks on Salient Object Detection

Qian Chen*, **Chi Wan***, Haichao Zhao, Tianrun Yang
IEEE International Conference on Consumer Electronics (ICCEIC), 2023

TSSTNet: A Two-Stream Swin Transformer Network for Salient Object Detection of No-Service Rail Surface Defects

Chi Wan, Shuai Ma, Kechen Song
Coatings, 2023 (Citations: 16)

RESEARCH EXPERIENCE

Machine Learning and Language Lab, Northwestern University <i>Research Assistant, Advisor: Prof. Manling Li, Prof. Huajie Shao</i>	Evanston, US <i>Jan 2025 – Present</i>
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Huazhong University of Science and Technology <i>Research Assistant, Advisor: Prof. Wenyong Yu</i>	Wuhan, China <i>Jul 2024 – Sep 2024</i>
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Mechatronics Lab, Northeastern University <i>Graduation Project, Advisor: Prof. Hongtai Cheng</i>	Shenyang, China <i>Dec 2023 – Jun 2024</i>
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Imperial College London <i>Project Researcher, Instructor: Björn Schuller</i>	London, UK <i>Jul 2023 – Aug 2023</i>
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Machine Vision and Robotics Lab, Northeastern University <i>Research Assistant, Advisor: Prof. Kecheng Song</i>	Shenyang, China <i>Mar 2022 – Mar 2023</i>
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