

CHI WAN

Evanston, IL, United States

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EDUCATION

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

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
Research Assistant, Advisor: Prof. Manling Li, Prof. Huajie Shao
Evanston, US
Jan 2025 – Present

Huazhong University of Science and Technology
Research Assistant, Advisor: Prof. Wenyong Yu
Wuhan, China
Jul 2024 – Sep 2024

Mechatronics Lab, Northeastern University
Graduation Project, Advisor: Prof. Hongtai Cheng
Shenyang, China
Dec 2023 – Jun 2024

Imperial College London
Project Researcher, Instructor: Björn Schuller
London, UK
Jul 2023 – Aug 2023

Machine Vision and Robotics Lab, Northeastern University
Research Assistant, Advisor: Prof. Kecheng Song
Shenyang, China
Mar 2022 – Mar 2023