CHI WAN

Evanston, IL, United States

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EDUCATION

Northwestern University   Evanston, US
Master of Science in Computer Engineering   *Sept 2024 - Present*
GPA: 3.97/4.0

Northeastern University   Shenyang, China
Bachelor of Engineering in Intelligent Manufacturing Engineering   *Sept 2020 - June 2024*
GPA: 87.6/100

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

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

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

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

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