

# CHI WAN

Evanston, IL, United States

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## EDUCATION

<b>Northwestern University</b> <i>Master of Science in Computer Engineering</i> GPA: 3.97/4.0	Evanston, US <i>Sept 2024 - Present</i>
<b>Northeastern University</b> <i>Bachelor of Engineering in Intelligent Manufacturing Engineering</i> 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\*, Zihan Wang\*, Yaning Gao\*, Linjie Li, Qineng Wang, Hanyang Chen, Chi Wan, 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*

### 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*

## PROFESSIONAL SERVICES

- Reviewer: AAAI 2026, ICLR 2026, NeurIPS 2025