

Yongxin Wang



Research Area: Computer Vision <An interdisciplinary scientific field that deals with how computers can gain high-level understanding from digital images or videos>

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Date of Birth: September, 2000 Political Status: Member of CYL
Personal Website: <https://yongxinwang-ai.github.io/>

Education

Graduation: 2023.06

Nankai University

09/2019-06/2023

Bachelor of Engineering, Department of Computer Science

- Tutor: Dr. Xialei Liu; Research Area: Computer Vision <An interdisciplinary scientific field that deals with how computers can gain high-level understanding from digital images or videos>

Honor

- Outstanding CYL Member 12/2019
- Academic Excellence Scholarship 09/2021
- Cultural and Sports Scholarship 10/2022

Research Projects

Recommendation System based on Reinforcement Learning

04/2022-03/2023

- Conduct survey of literature
- Utilize Transfer Learning to solve the so-called data sparsity and cold start problems in online applications
- Improve Dueling Bandit Gradient Descent in DRN algorithm

Research on Test-time Adaptation (also known as Source-free Domain Adaptation)

09/2022-Present

- Conduct a survey of literature and give a talk on Source-free Unsupervised Domain Adaptation
- Utilize MAE to improve Test-time Adaptation in time-varying setting
- Expected to submit a paper for ICCV'2023

Practice Experience

TMCC, Tianjin Key Laboratory, Department of Computer Science, Nankai University

09/2022-Present

Research Intern

- Attend weekly seminars and read assigned journal or conference articles
- Develop an independent research project on Test-time Adaptation together with my mentor, Dr. Xialei Liu

DBIS, Department of Computer Science, Nankai University

09/2021-08/2022

Research Intern

- Attend weekly seminars and read assigned journal or conference articles
- Acquire a good knowledge of Transfer Learning and Reinforcement Learning
- Develop an independent research project on the Recommendation System together with four other interns

Skills and Certificates

- Good knowledge of Computer Vision and Transfer Learning
- Skilled in Python, Pytorch, OpenCV and C++
- Good command of Virtual Studio Code, Linux and GitHub
- Proficiency in English

Interest

- Volleyball, Basketball, Guitar