YEONGTAK OH (오영탁)

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PERSONAL INFORMATION

Birth: Republic of Korea *Dec 19th 1996*
Nationality : Korean
Language : First Language Korean, Fluent in English
Military Service Status : Discharged

EDUCATION

Seoul National University *Sep 2022 - Current*
Department of Electrical and Computer Engineering
Ph.D Candidate
Advisor : Prof. Sungroh Yoon

Seoul National University *Sep 2018 - Aug 2020*
Master of Mechanical Engineering
Advisor : Prof. Byeng D.Youn

Seoul National University *Mar 2014 - Aug 2018*
Bachelor of Mechanical and Aerospace Engineering

Chungnam Science High School *Mar 2012 - Feb 2014*

RESEARCH INTERESTS

Generative Models, Post-Training, Multi-Modal Language Model, Personalization

INTERNATIONAL CONFERENCES

1. S Park, E Kim, **Y Oh**, J Choi, S Yoon, Guiding What Not to Generate: Automated Negative Prompting for Text-Image Alignment *WACV, 2026,* **poster**
2. J Choi*, C Shin*, **Y Oh**, H Kim, J Lee, S Yoon, Style-Friendly SNR Sampler for Style-Driven Generation *WACV, 2026,* **poster**
3. **Y Oh**, D Kim, J Shin. S Park, B Johan, J Mok†, S Yoon†, RePIC: Reinforced Post-Training for Personalizing Multi-Modal Language Models *NeurIPS, 2025,* **poster**
4. **Y Oh***, J Choi*, Y Kim, M Park, C Shin, S Yoon, ControlDreamer: Blending Geometry and Style in Text-to-3D *BMVC, 2024,* **poster**
5. **Y Oh***, J Lee*, J Choi, D Jung, U Hwang†, S Yoon†, Efficient Diffusion-Driven Corruption Editor for Test-Time Adaptation *ECCV, 2024,* **poster**
6. **Y Oh**, J Kim, System Design and Implementation of Multi-legged Spider Robots for Landmine Detection in the Demilitarized Zone *UR, 2021,* **oral**

INTERNATIONAL JOURNALS

1. **Y Oh,**. S Lee, U Hwang†, S Yoon†, On Mitigating Stability-Plasticity Dilemma in CLIP-guided Image Morphing via Geodesic Distillation Loss . *International Journal of Computer Vision (IF: 11.6), Nov 2024*
2. **Y Oh,**. Y Kim, K Na, B D Youn, A Deep Transferable Motion-Adaptive Fault Detection Method for Industrial Robots Using a Residual Convolutional Neural Network.

ISA Transactions (IF: 5.468), Nov 2021

3. S Khalid, W Lim, H Kim, **Y Oh**, B Youn, H Kim, Y Bae, Intelligent Steam Power Plant Boiler Waterwall Tube Leakage Detection via Machine Learning-Based Optimal Sensor Selection.
Sensors (IF: 3.576), Nov 2020

INVITED TALKS

1. Efficient Vision-Centric Post-Training Methods for Multi-Modal Generative Models
Ewha Womans University, Nov 2025

2. RePIC: Reinforced Post-Training for Personalizing Multi-Modal Language Models
SNU IPAI, Oct 2025

3. ControlDreamer and Beyond: Post-Training Multi-View Generative Models for 3D Generation
NVIDIA, Feb 2025

EXPERIENCE

Research Intern *Jan 2022-* Aug 2022
Seoul National University, Data Science and Artificial Intelligence Lab
Continual Learning
Advisor : Prof. Sungroh Yoon

Military Service *Aug 2020- Jan 2022*
Location: Korea Military Academy, AI R&D Center
Position: Military Science and Technology Researcher, Republic of Korea Army

AWARDS AND HONORS

Winner: Qualcomm Innovation Fellowship Korea (QIFK) (Link) *2025 Dec*

TEACHING ASSISTANT

Fundamentals of Deep Learning, SNU *2025 Fall*

Machine Learning Fundamentals and Applications, SNU *2024 Spring*

Solid Mechanics, SNU *2020 Spring*

SKILLS

Programming Languages Python(Pytorch), MATLAB
Languages English