

YEONGTAK OH (오영탁)

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PERSONAL INFORMATION

Birth: Republic of Korea
Nationality : Korean
Language : First Language Korean, Fluent in English
Military Service Status : Discharged

Dec 19th 1996

EDUCATION

Seoul National University <i>Department of Electrical and Computer Engineering</i> <i>Ph.D Candidate</i> <i>Advisor : Prof. Sungroh Yoon</i>	<i>Sep 2022 - Current</i>
Seoul National University <i>Master of Mechanical Engineering</i> <i>Advisor : Prof. Byeng D. Youn</i>	<i>Sep 2018 - Aug 2020</i>
Seoul National University <i>Bachelor of Mechanical and Aerospace Engineering</i>	<i>Mar 2014 - Aug 2018</i>
Chungnam Science High School	<i>Mar 2012 - Feb 2014</i>

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.

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.

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 IPA1, Oct 2025

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

NVIDIA, Feb 2025

SERVICE

Conference Reviewer

ICML 2026

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
Languages

Python(Pytorch), MATLAB
English