

# 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

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

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1. Efficient Vision-Centric Post-Training Methods for Multi-Modal Generative Models

*Ewha Womans University, Nov 2025*

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

*NVIDIA, Feb 2025*

## EXPERIENCE

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### 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

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- Finalist:** Qualcomm Innovation Fellowship Korea (QIFK)

*2025 Dec*

## TEACHING ASSISTANT

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- Fundamentals of Deep Learning**, SNU

*2025 Fall*

- Machine Learning Fundamentals and Applications**, SNU

*2024 Spring*

- Solid Mechanics**, SNU

*2020 Spring*

## SKILLS

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### Programming Languages

Python(Pytorch), MATLAB

### Languages

English