

## Hyun-Woo Kim

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PERSONAL INFORMATION	Man Nov.04.1995 37, Almata-gil, Dongjak-gu, Seoul, Republic of Korea	<i>GitHub:</i> /khw11044 <i>E-mail:</i> khw11044@gmail.com <i>Homepage:</i> hyunew
RESEARCH INTERESTS	<b>Designing a novel framework in computer vision domain:</b> I conducted research on 3D Human Pose Estimation architectures in self-supervised manner.	
EDUCATION	<b>Korea University</b> Department of Artificial Intelligence <ul style="list-style-type: none"><li>• M.S. in Artificial Intelligence</li><li>• Thesis: MHCanonPose: Multi-Hypothesis Canonical 3D Human Pose Estimation in the Wild</li><li>• Adviser: Professor Seong-Whan Lee</li><li>• Laboratory: PRML Laboratory</li><li>• Area of Study: Computer Vision</li><li>• GPA: 4.13 / 4.50 (96.3 / 100)</li></ul>	Seoul, Korea Mar. 2021 - Feb. 2023
	<b>Hansung University</b> College of IT Engineering <ul style="list-style-type: none"><li>• B.S. in Division of IT Convergence Engineering</li><li>• Advisor: Professor Hee-seok Oh</li><li>• GPA: 3.57 / 4.50 (90.7 / 100)</li></ul>	Seoul, Korea Mar. 2015 - Feb. 2021
PUBLICATIONS	<ul style="list-style-type: none"><li>[1] <b>Hyun-Woo Kim</b>, Gun-Hee Lee, Myeong-Seok Oh, and Seong-Whan Lee, "Cross-View Self-Fusion for Self-Supervised 3D Human Pose Estimation in the Wild," in <i>Proceedings of the Asian Conference on Computer Vision (ACCV)</i>, 2022. <b>(Oral)</b></li><li>[2] <b>Hyun-Woo Kim</b>, Gun-Hee Lee, Woo-Jeoung Nam, Kyung-Min Jin, Tae-Kyung Kang, Geon-Jun Yang, and Seong-Whan Lee "MHCanonNet: "Multi-Hypothesis Canonical Lifting Network for Self-supervised 3D Human Pose Estimation in the wild Video," in <i>Pattern Recognition</i>, 2022. Under Review.</li></ul>	
GRANTS AND HONORS	<ul style="list-style-type: none"><li>[1] 2021 Miso Artificial Intelligence Model Development Challenge [PA] Grand Prize ( MSIT, NIPA, MiSo )</li><li>[2] 2020 Open-Source Software Developer Competition [PM] Sponsor Prize ( MSIT, NIPA )</li><li>[3] The 16th Hansung Engineering Competitive Exhibition [PM] Silver Prize ( Hansung Univ.)</li><li>[4] The 16th Hansung Engineering Competitive Exhibition [PM] Bronze Prize ( Hansung Univ.)</li><li>[5] The 1st Hansung University C&amp;C Festival [PM] Bronze Prize ( Hansung Univ.)</li><li>[6] The 15th Hansung Engineering Competitive Exhibition [PM] Bronze, Sponsor Prize ( Hansung Univ.)</li></ul>	Dec. 2021 Nov. 2020 Sep. 2020 Sep. 2020 Jul. 2020 Sep. 2019

PATENTS	[1] <b>Hyun-Woo Kim</b> , Tae-Hyun Kim, and Jin-Myeong Je. Image-based anti-drone detection device and method using deep learning model. Korea Patent 10-2020-0080646, 2020.	
RESEARCH EXPERIENCE	<b>VoiceCaddie</b>	Seoul, Korea
	Golf swing pose, distance assistant device	May. 2020 - Nov. 2020
	<ul style="list-style-type: none"> <li>• Golf pose estimation model, action localization, and annotation tool</li> <li>• Pytorch, C++, and OpenCV</li> </ul>	
TEACHING EXPERIENCE	<b>LikeLion</b>	Online lecturer
	<ul style="list-style-type: none"> <li>• Make a Git portfolio that the interviewers like</li> </ul>	2021
	<b>Inflearn</b>	Online lecturer
	<ul style="list-style-type: none"> <li>• Make a GitHub blog in a day</li> </ul>	2021
SKILLS	<b>Computer Programming</b> <ul style="list-style-type: none"> <li>• Python, JavaScript, and C</li> </ul> <b>Deep Learning Frameworks</b> <ul style="list-style-type: none"> <li>• PyTorch, Tensorflow, and Keras</li> </ul> <b>Languages</b> <ul style="list-style-type: none"> <li>• Korean (Mother tongue)</li> <li>• English (OPIc - IH)</li> </ul>	