Dahyun Kang

Curriculum Vitae

Personal information

Name	Dahyun Kang
Affiliation	Ph.D. student, Computer Vision Laboratory, POSTECH, South Korea
Email	dahyun.kang@postech.ac.kr
Personal website	https://dahyun-kang.github.io

Research interest

- Deep learning and computer vision
- Semantic vision and image recognition
- Few-shot/weakly-supervised/unsupervised learning
- Vision and language, open-vocabulary recognition

Education

Sep. 2019 – Jun. 2025 (expected) **M.S./Ph.D. integrated student**, *Pohang University of Science and Technology (POSTECH)*, South Korea.
Computer Vision Laboratory, Computer Science and Engineering
Advisor: Prof. Minsu Cho

Jan. 2018 – May 2018 **Exchange student**, *National University of Singapore*, Singapore.
School of computing

Mar. 2015 – Sep. 2019 **Bachelor of Science**, *Pohang University of Science and Technology (POSTECH)*, South Korea.
Computer Science and Engineering
Summa cum laude

International publication (Google scholar)

Submitted to IJCV **Integrative Few-Shot Learning for Robust Classification and Segmentation**.
Dahyun Kang, Sua Choi, and Minsu Cho

CVPR 2025 **DINOv2 Meets Text: A Unified Framework for Image- and Pixel-Level Vision-Language Alignment**.
Cijo Jose, Théo Moutakanni, Dahyun Kang, Federico Baldassarre, Timothée Darcet, Hu Xu, Daniel Li, Marc Szafraniec, Michaël Ramamonjisoa, Maxime Oquab, Oriane Siméoni, Huy V. Vo, Patrick Labatut, and Piotr Bojanowski

TMLR 2025 **Memory-Modular Classification: Learning to Generalize with Memory Replacement**.
Dahyun Kang, Ahmet Iscen, Eunchan Jo, Sua Choi, Minsu Cho, and Cordelia Schmid
Transactions on Machine Learning Research (TMLR), 2025

ECCV 2024 **In Defense of Lazy Visual Grounding for Open-Vocabulary Semantic Segmentation**.
Dahyun Kang and Minsu Cho
European Conference on Computer Vision (ECCV), 2024

CVPR 2024 **Contrastive Mean-Shift Learning for Generalized Category Discovery**.
Sua Choi, Dahyun Kang, and Minsu Cho
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2024

CVPR 2023 **Distilling Self-Supervised Vision Transformers for Weakly-Supervised Few-Shot Classification & Segmentation**.
Dahyun Kang, Piotr Koniusz, Minsu Cho, and Naila Murray
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2023

ACCV 2022 **Few-Shot Metric Learning: Online Adaptation of Embedding for Retrieval**.
Deunsol Jung, Dahyun Kang, Suha Kwak, and Minsu Cho
Asian Conference on Computer Vision (ACCV), 2022

CVPR 2022 **Integrative Few-Shot Learning for Classification and Segmentation**.
Dahyun Kang and Minsu Cho
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2022

WACV 2022 **Semi-supervised Domain Adaptation via Sample-to-Sample Self-Distillation**.
Jeongbeen Yoon, Dahyun Kang, and Minsu Cho
IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2022

ICCV 2021 **Hypercorrelation Squeeze for Few-Shot Segmentation**.
Juhong Min, Dahyun Kang and Minsu Cho
IEEE/CVF International Conference on Computer Vision (ICCV), 2021

ICCV 2021 **Relational Embedding for Few-Shot Classification**.
Dahyun Kang, Heeseung Kwon, Juhong Min, and Minsu Cho
IEEE/CVF International Conference on Computer Vision (ICCV), 2021

Work experience

Jun. 2024 – Nov. 2024 **Research scientist intern**, *Meta FAIR*, Paris, France.
Manager: Piotr Bojanowski, Huy V. Vo

Jul. 2022 – Dec. 2022 **Research scientist intern**, *Meta FAIR*, London, UK.
Manager: Naila Murray

Awards

2022, 2023 **BK21 outstanding paper award**, *POSTECH*.

2022 **Naver Ph.D. Fellowship**, *Naver*.

2022 **Postechian Fellowship**, *POSTECH*.

2022 **Encouragement prize**, *34th Workshop on Image Processing and Image Understanding (IPIU)*.

Professional services

Reviewing effort (conference): WACV 2022, CVPR 2022, WACV 2023, ICCV 2023, CVPR 2023, CVPR 2024 (outstanding reviewer), ECCV 2024, Neurips 2025

Reviewing effort (journal): TPAMI, IJCV

Languages

Korean: Mother tongue

English: Fluent