

Curriculum Vitæ

Hyundong Jin

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Research Interests

Machine learning, Deep learning, Computer vision
Resource-Efficient Learning, Multimodal Learning, Continual Learning

Education

Chung-Ang University <i>Ph.D. of Computer Science Engineering (advisor: Eunwoo Kim)</i>	Seoul, South Korea <i>Mar. 2022 – present</i>
Chung-Ang University <i>Master of Computer Science Engineering (advisor: Eunwoo Kim)</i>	Seoul, South Korea <i>Mar. 2020 – Feb 2022</i>
Chung-Ang University <i>Bachelor of Electrical and Electronics Engineering</i>	Seoul, South Korea <i>Mar. 2015 – Feb 2020</i>

International Conference

- [1] **Hyundong Jin**, Gyeong-Hyeon Kim, Chanho Ahn, and Eunwoo Kim, “Growing a Brain with Sparsity-Inducing Generation for Continual Learning”, In Proc. of the IEEE International Conference on Computer Vision (**ICCV**), Oct. 2023.
- [2] **Hyundong Jin**, and Eunwoo Kim, “Helpful or Harmful: Inter-Task Association in Continual Learning”, In Proc. of the European Conference on Computer Vision (**ECCV**), Oct. 2022.

International Journal

- [3] Sujin Choi*, **Hyundong Jin***, and Eunwoo Kim, “Task-Aware Dynamic Model Optimization for Multi-Task Learning”, **IEEE Access**, (Accepted) (* denotes for euqal contribution).
- [4] **Hyundong Jin**, Kimin Yoon and Eunwoo Kim, “Gating Mechanism in Deep Neural Networks for Resource-Efficient Continual Learning”, **IEEE Access**, Jan. 2022.

INVITED TALKS

2023 AhnLab • Continual Learning session	2023.09.25
2023 Korean Computer Vision Society (KCVS) • Continual Learning session	2023.02.24
2022 Korean Artificial Intelligence Association (KAIA) and NAVER • CV / NLP session	2022.11.18

PROJECT EXPERIMENCES

Multi-Modal Continual Learning with Context Understanding • Funded by National Research Foundation.	2024
Learning Transferable Task Knowledge and Planner for Service Robots • Funded by Samsung Research Funding & Incubation Center.	2021 - 2023
Development of AI for Self-Improving Competency-Aware Learning • Funded by IITP.	2020 - present
Automated Deep Learning Technology for Multi-Task Learning • Funded by NRF.	2020 - 2022

AWARDS

Grand Prize, Big Data Utilization Contest <ul style="list-style-type: none">• by Doosan Enerbility	2023
Excellence Prize, Big Data Utilization Contest <ul style="list-style-type: none">• by HD Hyundai XiteSolution	2023

TEACHING EXPERIMENTS

Advanced Artificial Intelligence (Teaching Assistant) <ul style="list-style-type: none">• in Chung-Ang University	2023
Capstone Design (Teaching Assistant) <ul style="list-style-type: none">• in Chung-Ang University	2021
Visual Intelligence and it's Applications <ul style="list-style-type: none">• in Electronics and Telecommunications Research Institute (ETRI)	2020
Algorithms (Teaching Assistant) <ul style="list-style-type: none">• in Chung-Ang University	2020