Woojin Chung

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RESEARCH INTERESTS

I am focused on exploring ways to efficiently scale and train large language models, which is crucial for practical deployment. Additionally, I have a keen interest in comprehending the learning and generalization processes within these models. My curiosity extends to investigating language representations in scenarios involving long-context and multilingual contexts.

EDUCATION

Korea Advanced Institute of Science and Technology   Expected June 2024

M.S in Artificial Intelligence

Advisor: Seyoung Yun, James Thorne

Korea University   Feb 2022

B.A in Linguistics and Artificial Intelligence

PUBLICATION

International Conference |

1. Chung, W., Cho, H., Thorne, J., and Yun, S.-Y. (2023). parameter averaging laws for multitask language models. In International Workshop on Federated Learning in the Age of Foundation Models in Conjunction with NeurIPS 2023

EXPERIENCE

Development of Adaptive and Lightweight Edge-Collaborative Analysis Technology for Enabling Proactively Immediate Response and Rapid Learning | *ETRI*   Mar 2022 - Dec 2023

- Pursue research on adapting edge-device (i.e. Jetson xavier nx, Jetson nano, Jetson tx2) Federated Learning (FL) algorithm on Vehicle-ReID problem

Server Manager | *OSI LAB*   Sep 2022 - Dec 2023

- Experience on how to construct NFS and slurm system in server. Managing and fixing server issues.

TECHNICAL AND ACADEMIC SKILLS

Advanced | *Python and Pytorch, Linear Algebra, Data structure and Algorithm, Calculus*

Intermediate | *Linux, C++, Probability,*

Novice | *CUDA programming, Computer Network, OS*