JAEWON CHEON

RESEARCH INTERESTS

Large Language Models, Efficient Sequence Modeling

EDUCATION

Korea University Mar 2024 - Feb 2026
M.S., Industrial and Management Engineering (Advisor: Prof. Pilsung Kang) *GPA: 4.5/4.5*
· Thesis: Leveraging Intrinsic Sparsity of GLU-based Large Language Models for Inference Efficiency

Korea University Mar 2016 - Feb 2023
Bachelor of Media and Communication *GPA: 4.38/4.5*

WORK EXPERIENCE

Naver | *Foundation Model Team* Jan 2026 - Apr 2026
· Research Internship
· Topic: LLM Reasoning, Efficient Learning

Upstage | *NAVER Connect BoostCamp AI Tech* Sep 2025 - Nov 2026
· Teaching Assistant
· Topic: LLM, Generative AI

Tesser Inc. | *Natural Language Processing Team* Oct 2023 - Jan 2024
· Research Internship
· Topic: Keyword extraction, Medical LLM
· Contributed to Ontol @ Tesser

PUBLICATIONS

[1] COUNTDOWN: Contextually Sparse Activation Filtering Out Unnecessary Weights in Down Projection
Jaewon Cheon and Pilsung Kang.
*Empirical Methods in Natural Language Processing(**EMNLP**) Main Track, 2025*

AWARDS & GRANTS

Basic Science Research Program | *Granted by National Research Foundation of Korea* Sep 2024 - Aug 2025
· Inference Acceleration of Large Language Models via Sparsity Prediction

CONFERENCE PRESENTATIONS

Enhancing Manufacturing Reliability Through NLP-Based Log Anomaly Detection
· Presented at the *2025 INFORMS Conference on Quality, Statistics and Reliability (ICQSR), Singapore*

PROJECTS

Train Fast & Infer Fast | *Ministry of Science and ICT* Sep 2025 - Feb 2026

· Implemented a self-distillation approach for transforming full-attention LLMs into hybrid RNN–attention models

Generative AI–based Workflow Automation | *Samsung Fire & Marine Insurance* Apr 2025 - Dec 2025

· Built hierarchical data conversion pipeline for insurance policy documents for RAG-based workflow automation.

Researcher Matching System | *Seoul National University* Dec 2024 - Jun 2025

· Developed a RAG-based recommendation system that matches industry partners with suitable researchers

Development of a News-Domain Specialized RAG Pipeline | *BECUAI* Apr 2024 - Jun 2024

· Enhancing search quality and answer reliability through query refinement and context-aware response structuring