



Dongjae Jeon

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Education


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|---|----------------------------|
| Yonsei University
<i>MS in Computer Science</i> | <i>Aug 2025 – present</i> |
| Yonsei University
<i>BS in Economics & Computer Science</i> | <i>Mar 2020 – Aug 2025</i> |
| <ul style="list-style-type: none"> ◦ GPA: 4.15/4.3 ◦ Coursework: Statistical Machine Learning, Computer Vision, Multicore and GPU Programming, Data Structure, Mathematics for Economics II, Linear Algebra, Computer Architecture, Data Privacy | |
| Korean Minjok Leadership Academy
<i>Liberal Arts High School Diploma</i> | <i>Mar 2017 – Jan 2020</i> |
| <ul style="list-style-type: none"> ◦ Coursework: Intermediate Microeconomics (1st place) | |

Publication

International Conference (* denotes shared first authorship)

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| 1. Assigning Distinct Roles to Quantized and Low-Rank Matrices Toward Optimal Weight Decomposition
Yoonjun Cho, Soeun Kim <i>Dongjae Jeon</i> , Kyelim Lee, Beomsoo Lee, Albert No
ACL Findings 2025  | Jul 2025 |
| 2. Large Language Models Still Exhibit Bias in Long Text
Wonje Jeung, <i>Dongjae Jeon</i> , Ashkan Yousefpour, Jonghyun Choi
ACL Findings 2025 
Preliminary version accepted to NeurIPS 24 Workshop on Socially Responsible Language Modelling Research | Jul 2025 |
| 3. Understanding and Mitigating Memorization in Generative Models via Sharpness in Probability Landscapes
<i>Dongjae Jeon*</i> , Dueun Kim*, Albert No
ICML 2025 (Spotlight) 
Preliminary version accepted to AAAI 25 Workshop on Privacy-Preserving Artificial Intelligence (Oral presentation) | Jun 2025 |

Preprints

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| 1. Preserve then Quantize: Dominant-Subspace Guided Low-Rank Reconstruction
Yoonjun Cho*, <i>Dongjae Jeon*</i> , Soeun Kim, Albert No
Openreview 
Preliminary version accepted to ICML 25 Workshop on On-Device Learning for Foundational Models (Oral presentation) | Jul 2025 |
| 2. Information-Theoretic Discrete Diffusion
Moongyu Jeon, Sangwoo Shin, <i>Dongjae Jeon</i> , Albert No | May 2025 |

3. **An Information Theoretic Metric For Strong Unlearning**
*Dongjae Jeon**, Wonje Jeung*, Taeheon Kim, Albert No, Jonghyun Choi
arXiv: 2405.17878 [🔗](#)

May 2024

Awards

- Achieved **2nd** place @ CVPR 24 Workshop on Continual Learning in Computer Vision
- Achieved **1st** place @ ICCV 23 Workshop on Visual Continual Learning

Research Experience

Research Intern

Artificial Intelligence and Information Systems Lab ([site](#)) [🔗](#)
Prof. Albert No

Seoul, Korea

Sep 2024 – Current

- Developed an information-theoretic metric in the field of Machine Unlearning, addressing limitations and fragility in existing evaluation criteria.
- Reported that Large Language Models remain heavily biased when generating long texts and proposed a mitigation technique during training.
- Analyzed the memorization problem in diffusion models by examining the sharpness of log probability density, leveraging the Hessian.

Research Intern

SNU Machine Perception and Reasoning Lab ([site](#)) [🔗](#)
Prof. Jonghyun Choi

Seoul, Korea

Jan 2023 – Sep 2024

- Developed an object detection algorithm for autonomous driving in dynamic, weather-changing scenarios, leveraging EMA and knowledge distillation (Samsung Research Project).

Honors and Scholarship

Academic Excellence Award

Yonsei University Economics Department

Dec 2023

Student Tutor Scholarship

Yonsei University

Provided mentorship to five students in a Data Structures course, contributing to their academic success (approximately \$500).

Aug 2023

Outstanding Academic Performance Scholarship

Yonsei University Economics Department

Full tuition scholarship for a single semester (approximately \$3000).

June 2023

Bachelor & Master's Accelerated Degree Program

Yonsei University Computer Science Department

Exclusive program for high-achieving undergraduate students.

Jan 2023

Outstanding Academic Performance Scholarship

Yonsei University Economics Department

Half tuition scholarship for a single semester (approximately \$1500).

Jan 2023

Student Tutor Scholarship

Yonsei University

Provided mentorship to five students in Macroeconomics and Microeconomics courses, contributing to their academic success (approximately \$1000).

Dec 2022

Youngjae Merit Scholarship

Korean Minjok Leadership Academy

Scholarships awarded for achieving an outstanding GPA in consecutive semesters (approximately \$300 per semester).

June, Dec of 2018

Professional Activities


Conference Reviewer

- NeurIPS 24 Workshop on Socially Responsible Language Modelling Research

Projects

Yourwell Cup (reusable cup rental service)

Feb 2022 - Dec 2022

- Independently developed both the frontend and backend architecture for a reusable cup rental app.
- Successfully acquired 500+ app users within Yonsei University. ([Service video](#)) 
- Tools Used: React Native, Node.js, Firebase, MongoDB.

Skills

Languages: C, C++, Python

Libraries: Pytorch, OpenMP