

NAMJUN KIM

Homepage : mlath.github.io

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Others : [Google scholar](#) / [LinkedIn](#) / [Twitter](#)

RESEARCH INTERESTS

Deep learning theory, focused on (but not limited to) **Generalization**, **Optimization**, and **Expressivity**.

EDUCATION

M.S./Ph.D. in Artificial Intelligence

Korea University, Seoul, South Korea

Advisor: Prof. Sejun Park

Mar. 2023 - Present

B.S. in Mathematics and Big Data (double major)

Chonnam National University, Kwangju, South Korea.

Overall GPA: 4.28 (1/30)

Mar. 2016 - Feb. 2022

ACADEMIC EXPERIENCES

Undergraduate Intern - Machine Learning Based Computational Finance

Chonnam National University

with Prof. Jeonggyu Huh

Dec. 2020 - Feb. 2022

PUBLICATIONS

Conferences

- Minimum width for universal approximation using ReLU networks on compact domain

Namjun Kim, Chanho Min, Sejun Park

International Conference on Learning Representations (**ICLR**), 2024

[\[paper\]](#)

HONORS

KU-Hope Scholarship

Korea University

Dec. 2023

Academic Excellence Scholarship

Chonnam National University

Mar. 2016 - Feb. 2022

INVITED TALKS

“Introduction to Overparameterized Neural Network and Neural Tangent Kernel”

Yonsei University, Seoul, South Korea

Jul. 2022

TEACHING EXPERIENCES

Teaching Assistant, Advanced Deep Learning (XAI607), Korea University

Spring 2024

Teaching Assistant, Calculus (XAI505), Korea University

Fall 2023

Teaching Assistant, Advanced AI Course for AI Consultant, LG CNS

Summer 2023

Teaching Assistant, Big Data Analysis Application and Practice (XAI605), Korea University

Spring 2023

Teaching Assistant, Advanced AI Course for AI Consultant, LG CNS

Winter 2022

TECHNICAL SKILLS

C/C++, Python, PyTorch, TensorFlow, Jax