LEE, DONGJIN

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ACADEMIC INTERESTS

Complex Systems
· Network Science
· Statistical Physics

Probability and Statistics
· Information Theory
· Stochastic Processes

EDUCATION

Gwangju Institute of Science and Technology Mar. 2020 - Present
B.S. (ongoing: finished 7th semester) (Currently) CGPA: 4.06/4.5
· Major in Department of Physics and Photon Science
· Double Major in Department of Mathematical Sciences
· Double Major in School of Electrical Engineering and Computer Science

University of California, Berkeley Jun. - Aug. 2025
Visiting student, funded by GIST
· CS188, Introduction to Artificial Intelligence: A+ · STAT155, Game Theory: A-

RESEARCH EXPERIENCES

AI-Eco Lab Sep. 2025 - Jan. 2026
Gwangju Institute of Science and Technology
Participated in project, "Developing Technologies for Urban Planning with AI and Big Data"

Computational Many-body Physics Group Mar. - Jun. 2025
Gwangju Institute of Science and Technology
Researched Network Science

Undergraduate Research Assistant in Mathematical Science Sep. - Dec. 2024
Gwangju Institute of Science and Technology
Studied the fundamental principles of LEAN proof assistant for formal verification

TEACHING EXPERIENCES

Teaching Assistance
MM2001, Multivariable Calculus and Applications Fall 2025, GIST
MM2004, Introduction to Linear Algebra and Applications Fall 2024, GIST

SCHOLARSHIPS

GIST Presidential Fellowship Mar. 2020 - Present
Gwangju Institute of Science and Technology
Fellowship for outstanding newly enrolled students, valid for the first 8 semesters of enrollment

AWARDS

Excellence Prize on Computational Neuroscience Winter School Project Feb. 2025
Korean Society for Computational Neuroscience

Excellence Prize on WFK ICT Volunteer Activities Nov. 2024
National Information Society Agency, republic of Korea

EXTRACURRICULAR

Computational Neuroscience Winter School with Team Project Feb. 2025
Korean Society for Computational Neuroscience
Classified hierarchy of unlabeled neural spike datasets by measuring intrinsic timescale and presented

World Friends Korea ICT Volunteers Jul. - Aug. 2024
National Information Society Agency, republic of Korea Dispatched to Vientiane, Laos
Conducted Python education and Korean cultural exchange and developed data accessible web

SKILLS

Scientific Computing
Julia
Python: machine learning

Others
LaTeX