

# DONGJIN LEE

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## ACADEMIC INTERESTS

### Complex Systems

- Network Theory
- Chaos Theory
- Statistical Physics

### Applications of Probability Theory

- Stochastic Processes
- Information Theory
- Statistical Learning

## EDUCATION

### *Gwangju Institute of Science and Technology*

B.S. (ongoing; finished 5th semester)

March 2020 - Present

(Currently) TGPA: 4.01/4.5

- Major in Department of Physics and Photon Science
- Double Major in School of Electrical Engineering and Computer Science
- Double Major in Mathematical Science

## RESEARCH EXPERIENCES

### Internship on Mathematical Sciences

September - December 2024

*Gwangju Institute of Science and Technology*

Studied the fundamental principles of LEAN proof assistant for formal verification.

## TEACHING EXPERIENCES

### Teaching Assistance

MM2004, Introduction to Linear Algebra and Applications

Fall 2024, GIST

## SCHOLARSHIPS

### GIST Presidential Fellowship

March 2020 - Present

*Gwangju Institute of Science and Technology*

Fellowship for excellent newly enrolled students, valid by their 8th registered semester

## AWARDS

### Excellence Prize on WFK ICT Volunteer Activities

November 2024

*National Information Society Agency, republic of Korea*

## EXTRACURRICULAR

### Summer School on Quantum Information Science

August 2024

*Quantum Information Research Support Center & School of Quantum at Korea University*

Attended introductory lectures on quantum computing, teleportation, and algorithms

### World Friends Korea ICT Volunteers

July 2024 - August 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

C++: MPICH, SPRNG

### Others

L<sup>A</sup>T<sub>E</sub>X