

# Iheon Kim

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Pohang, Republic of Korea  
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## Education

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**POSTECH**, Pohang, Republic of Korea  
Integrated M.S./Ph.D. in Physics, 2026–present  
Advisor: Prof. Hee-Cheol Kim

**POSTECH**, Pohang, Republic of Korea  
B.S. with a double major in Physics and Mathematics, 2021–2026  
GPA: 3.87/4.3  
Undergraduate thesis: *Analytic Thermal Bootstrap*

## Languages

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Korean; English: POSTECH English Certification Program; Japanese: JLPT N1, 140/180

## Research Interests

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Conformal bootstrap, topological field theory, quantum gravity, quantum simulation of gauge theories, quantum error correction, foundations of quantum information

## Selected Coursework

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**Physics:** Quantum Field Theory, Theory of Relativity, Introduction to Quantum Algorithm  
**Mathematics:** Introduction to Group Representations, Introduction to Geometric Topology, Algebraic Topology I, Riemannian Geometry, Complex Manifolds

## Teaching Experience

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- Teaching Assistant for *Mechanics*, POSTECH, Spring 2026.

## Awards and Honors

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- Graduated *cum laude*, POSTECH, 2026.
- Undergraduate Thesis Honorable Mention, POSTECH, 2026.

## Academic Activities

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- Participant, Third IBS CTPU–CGA Winter Camp 2026, IBS.
- Participant, SNU–APCTP Winter School on Fundamental Physics 2026, SNU.
- Participant, *Aspects of Supersymmetric Quantum Field Theory 2026*, KAIST.