

# Hyunmo Kang

## Undergraduate Student

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### Hyunmo Kang

Seoul, South Korea (Currently in Lausanne, Switzerland)

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### Education

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#### École Polytechnique Fédérale de Lausanne

2023.9 - 2024.6

Exchange student

#### Republic of Korea Army

2022.2 - 2023.8

Sergeant

#### Seoul National University, Bachelor

2019.03 - now

Physics (transferred from medical school)

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### Research Experience

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#### Physics of Complex Systems Laboratory(EPFL)

2023.9 - 2024.5

Project(Ongoing): Predicting how hierarchical structure of data leads to power law of data size versus test error, using toy model of data having hierarchical structure. Supervised by Professor Matthieu Wyart.

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### Skills

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Python

English

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### Courses

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Undergraduate Physics

Statistical Physics

Statistical Physics of Computation (by Florent Krzakala)

Machine learning for Physicists (by Lenka Zdeborova)

Quantum Field Theory 1

Differential Geometry 2 (mostly about smooth manifolds)

Planning to take NLP, RL, neuroscience courses in 24-spring semester

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### Miscellanea

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History buff. Backpacking middle east for total 3months in 2019-2020(Egypt, Lebanon, Jordan, Israel, Turkey, Iran, Azerbaijan, Uzbekistan, Morocco)