# Hyunmo Kang

## Undergraduate Student

**Hyunmo Kang**

Seoul, South Korea (Currently in Lausanne, Switzerland)

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## Education

**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 Expericne

**Physics of Complex Systems Laboratory(EPFL)**
2023.9 - 2024.5
Project(Ongoing): Predicing 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

Python
English

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## Courses

Undergraduate Physics

Statistical Physics

Statistical Physics of Computation (by Florent Krzakala)

Machine learning for Physicists (by Lenka Zdeborova)

Quantum Field Theory 1

Differntial Geometry 2 (mostly about smooth manifolds)

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

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## Miscellanea

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