

Kyoungin Baik

Gyeonggi-do, Korea | +82 (0)10 5206 5885 | baikdenny@gmail.com

Education

Sungkyunkwan University, Suwon Korea

Feb 2021- Aug 2025

B.S. in System Management Engineering & Computer Science and Engineering & Mathematics

* GPA: 4.21/4.5 (1st Major 4.4 / 4.5)

Research Interests

- Unsupervised reinforcement learning
- Offline reinforcement learning
- Mathematical optimal theory
- Robot learning

Experience

RLLAB

Jan 2025 - Present

- Undergraduate Research Intern (Advisor: [Youngwoon Lee](#))

- Yonsei University, Department of Artificial Intelligence

Optimal Lab

May 2024 - Jan 2025

- Undergraduate Research Intern (Advisor: [Woocheol Choi](#))

- Sungkyunkwan University, Mathematics
- Mathematical Optimization theory research on SVGD, MPPI, Wasserstein GF
- Joint research with Prof. Sanghyun Kim, Robotics

Max Planck Institute for Demographic Research (MPIDR)

Sep 2023 - Feb 2024

- Korea-Germany Junior Research Fellowship Program 2023 (Director: [Jisu Kim](#), [Emilio Zagheni](#))

- Korea-Germany Junior Research Fellowship Program 2023 (Rostock, Germany)
- Visiting Researcher as Data Scientist & Machine learning Engineer
- One paper submitted to *'17th ACM Web Science Conference 2025'*

InfoSci Lab

May 2023 - Sep 2023

- Undergraduate Research Intern (Advisor: Jong-Seok Lee)

- Sungkyunkwan University, System Management Engineering
- Research on 't-Stochastic Neighbor Embedding (t-SNE)'

Veteran | Game Programming group

Sep 2022- Jun 2023

- Supported by SKKU Department of Computer Science and Engineering

- 1 game in 'Unreal Engine Game' & 2 games in 'Roblox'

Awards

Dec 2022 | Special Award

(Metaverse Competition, Ministry of Education and National Research Foundation of Korea, COSS)

Sep 2022| 3rd place Award

(Sungkyunkwan University Metaverse Hackathon, "Veteran")

Skills

Programming Language

- Python (Pytorch), C, C++ (Unreal Engine), Linux Environment, MATLAB, R

Languages

- Korean: Native
- English: Proficient

Activities

- Electric guitarist in a band
- Defensive midfielder in a soccer club