

CAREER

NGINE STUDIOS (NEXON COMPANY, Jul 2020 – Nov 2022)

- **Software Engineer / Military Service Specialist** (Jul 2020 – Jun 2022)
- **Research Department** (Jul 2021 – Nov 2022)
 - MapleStory sentence distortion algorithm development; Developed a distorted sentence generation algorithm in Python for the "Find the Correct Sentence!" in the game *MapleStory*
 - KartRider highlight extraction; Developed a project in Python to extract highlight segments between two players in *KartRider*
- **Advertising Department** (Oct 2020 – Jun 2021)
 - Managed web pages and servers using TypeScript, React, and Material-UI
- **Intern** (Jul 2020 – Oct 2020)

Seoul National University Hospital Biomedical Research Institute (Mar 2019 – Nov 2019)

- **Research Intern**, Division of Clinical Bioinformatics under Prof. Kwangsoo Kim
 - Participated in national research projects under Prof. Kye Hwa Lee (Precision Medicine Center)
 - Co-authored a paper as first author, published at *Scientific Reports* (Nature Research journals, DOI: [10.1038/s41598-020-76909-2](https://doi.org/10.1038/s41598-020-76909-2))

EDUCATION

Pohang University of Science and Technology (POSTECH, Feb 2016 – Feb 2025 (expected))

- Bachelor of Science in Chemical Engineering, Double Major in Computer Science and Engineering
- GPA: 3.77 / 4.3 (Completed 9 semesters, 173 credits + 7 units)

Gyeonggi Science High School for the Gifted (Mar 2013 – Feb 2016)

- GPA: 3.65 / 4.3

EXPERIENCE

POSTECH Machine Learning Lab Research Participation (Mar 2024 – Present)

- Advisor: Prof. Jungseul Ok / Research Outcome for Project Study I, II
- Bridging the Gap between Expert and Language Models: Concept-guided Chess Commentary Generation and Evaluation
 - Co-authored as the second author, under review, arXiv preprint: arxiv.org/abs/2410.20811
- Post-hoc Concept Probing of an End-to-end RL Model: Extracting an Opponent Hand Estimator from Mahjong AI

SKILL

- **Problem Solving**: [LeetCode](https://leetcode.com/eric970901/) (eric970901), [BOJ](https://www.boy.solved.ac/) (eric9709, [solved.ac](https://www.boy.solved.ac/)), [KOISTUDY](https://koistudy.com/) (gs13008)
- **Competitive Programming**: 2022 Woori Coding Festival (Special Prize, Python), Google Hash Code 2020 (1229th place, Online Qualification Round), [Codeforces](https://www.codeforces.com/) (JEMINI), [AtCoder](https://www.atcoder.jp/) (JEMINI), [Topcoder](https://www.topcoder.com/) (JEMINI)
- **Programming Languages & Frameworks**: Python, C++, C, JS, TS, React, MUI, Next.js, Java, HTML, CSS, R
- **Other Skills**: Linux, Git, LaTeX, Jupyter notebook, Machine Learning
- **Languages**: Korean (Native), English (Advanced, TOEIC 830), Japanese (Intermediate, JLPT N3)