Minjoon Hong

Integrated M.S. & Ph.D.
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EDUCATION

- Integrated Ph.D. program, Dept. of chemical & biomolecular engineering, Yonsei University (2021.03 ~)
- B.S., Dept. of chemical & biomolecular engineering, Yonsei University (2017.03 ~ 2021.02)

AWARDS

- Academic Excellence Award, Yonsei University (2019)

RESEARCH EXPERIECE

- Researcher of the project "Development of Machine Learning based Force-Field towards Next-Generation Battery Electrolyte Research", Advisor: Prof. Byungchan Han (2021.01 ~ present)
- Researcher of the project "First-principles based calculations for fundamental properties of radioactive nuclear materials exposed to multicomplex interfaces", Advisor: Prof. Byungchan Han (2019.03 ~ present)

RESEARCH INTERESTS

- *Ab-initio* computational radiochemistry
- AI-assisted materials computation platform for discovery of novel catalyst

RESEARCH TOPIC

- Predicting physicochemical properties of spent nuclear fuel