

# Jongwook Kim

Bachelor Student

Department of Energy and Resources Engineering, Korea Maritime and Ocean University

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## Education

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Mar. 2016 ~ Present	<b>Korea Maritime and Ocean University</b> Department of Energy and Resources Engineering <i>Bachelor Student</i> GPA: 4.0 / 4.5	Busan, Korea
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## Research Experiences

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- Research Student at Petroleum Engineering Laboratory, Korea Maritime and Ocean University (Mar. 2020 ~ Jun. 2021) / Study for Optimization of Hydraulic Fracturing Design Factor of Shale Reservoirs using ANN-based Proxy Models.
- Research Student at Global Ocean Research Center, Korea Institute of Ocean Science and Technology, Korea (Dec. 2020 ~ Jan. 2021) / Analysis of the surface samples collected from East Pacific near the equator, KODOS 05-01 research area.

## Conferences

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- Jongwook Kim, Hyojin Shin, Daemo Lee, Jongse Lim, "Application of ANN-Based Proxy Model to Identify Conditions of Hydraulic Fracturing Design in Shale Reservoirs", 2021 Fall Joint Conference of KSMER·KSRM·KSEG·KSPE, Busan, Korea (2021) - Poster.
- Jongwook Kim, Changyeop Oh, "Equilibrium and Spectroscopic Investigation of SF<sub>6</sub>, CHClF<sub>2</sub> (R22) Hydrate in CsI Electrolyte solution", The 8th Workshop for Next Generation Ocean Scientists, Yeosu, Korea (2021) - Poster.

## Awards and Honors

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- Participation Award, Korea Oceanographic Commission (Dec. 2021)
- Participation Award, Foundation for Overseas Resources Development, Korea (Dec. 2020)
- Bronze Award, Korea Electric Association (Nov. 2020)
- Academic Excellence Scholarship, Korea Maritime and Ocean University (Sep. 2021)
- Academic Excellence Scholarship, Korea Maritime and Ocean University (Sep. 2020)
- Academic Excellence Scholarship, Korea Maritime and Ocean University (Mar. 2020)
- Neung-Pa Scholarship, Academic Foundation of KMOU (Dec. 2020)
- Scholarship for Tutoring, Korea Maritime and Ocean University (Jul. 2021)
- Scholarship for Tutoring, Korea Maritime and Ocean University (Dec. 2020)