

EDUCATION

Korea Advanced Institute of Science and Technology

Doctor's degree in Physics

March, 2019 -

Korea Advanced Institute of Science and Technology

BS in Physics and Electrical Engineering(double major) Summa Cum Laude

2015 - 2019

WORK EXPERIENCE

Graduate Student at JYlab

Fall, 2019 –

- Numerical simulation of the quench dynamics of the spinor condensate
- Developing laser and RF system for atomic physics research

Individual Research at JLab

Fall, 2017 – Spring, 2019

- Developing Inverse design method for photonic system using deep-learning
- Numerical optimization of the photonic structures
- <http://jlab.kaist.ac.kr>

EXTRA

- Member of the KAIST robot design club MR

OTHER SKILLS

Programming Language: Python, Matlab, C, C#

Language: Korean(Native), English(Advanced?)