

# Chaejin Park

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+82 10-9137-4871

## Education

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- Korea Advanced Institute of Science and Technology** Feb. 2021 – Present
- Major: Electrical Engineering(예정)
  - Relevant Coursework:  
Electromagnetics,  
Introduction to Optimization Tequiques
- Korea Science Academy** Feb. 2018 – Feb. 2021
- Major: Physics(Minor: Mathematics)

## Projects

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- Crystal Structure Analysis through CIF and VESTA implementation** Aug. 2020 – Feb. 2021
- KSA graduation project
- Synthesis of ZnO Thin Film by Sol-gel Method** Feb. 2020 – Aug. 2020
- KSA graduation project
- Chemical Characteristics According to the Fine Dust Trajectories** Aug. 2020 – Feb. 2021
- collaborative research with NUSHS, Singapore
  - NASA GIOVANNI, NOAA HYSPLIT modeling
- Effects on jet stream on the quantitative characteristics of Fine Dust** 2018 – 2021
- KSA R&E Team Project
  - HYSPLIT modeling, case classification based on dust characteristics
  - 2019 KESS fall poster sessions
  - 2020 R&E 1st prize
  - 2020 ISSF Science Fair KVIS Thailand
- Implementation of Driving System suitable for Hemispherical Wheels** 2018 – 2019
- Team project at KAIST MSC Lab
  - Solidworks, Dynamixel SDK programming, Tracker Program
  - 2018 KPS highschool girls physics camp 1st prize
  - 2018 KPS fall poster sessions

## Honors

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- Freshman Dean's List** 2021 Spring Semester
- Korea Presidential Science Scholarship, Major: Physics** Feb. 2021 – Present

## Additional Qualification

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TOFEL, 95