



Dong-Hyun Kim

Education

03/2020 – 02/2026

**B.S in Physics & Electrical and
Electronics Engineering**

Chung-Ang University, Seoul, Korea

Contact

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Personal Info

Nationality : Republic of Korea

Major : Physics (Solid State Physics)

Experimental Experiences

Sample Preparation :

Photolithography, Dry Transfer of 2D
Materials, DC Sputtering

Sample Characterization :

AFM, XRD

Data Analysis :

Matlab

Research Interest

My primary research interest lies in spin transport, with a particular focus on superconducting spin systems investigated using ferromagnetic resonance (FMR). I am especially interested in understanding spin injection, spin pumping, and spin-charge conversion phenomena in superconductor-based heterostructures. I aim to contribute to the advancement of spintronics by deepening the understanding of spin transport mechanisms in superconducting systems through FMR-based studies.