

DONGHUN JUNG

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🐙 github.com/Waterbird20

EDUCATION

Sungkyunkwan University
College of Natural Science

Mar 2020 - Present
Suwan, Korea

Bachelor of Physics

GPA : 4.42/4.50

Credits : 58

Bachelor of Computer Science and Engineering(Dual Major)

GPA : 3.83/4.50

Credits : 24

Overall GPA : 4.25/4.50

Total Credits : 141

RESEARCH EXPERIENCE

Experimental Gravitational-wave Research Lab

Aug 2021 – Jun 2022

Undergraduate Internship

SungKyunKwan University, Department of Physics

- Si Sample Spot Detection Method in Transmission Electron Microscopy
- Calibration Factor Calculation from Si Sample Spot in Transmission Electron Microscopy
- Fluctuation Electron Microscopy study

Condensed-Matter Theory Group

Jan 2023 – Present

Undergraduate Internship

SungKyunKwan University, Department of Physics

- Conducting research on Andreev bound states and Majorana qubits as part of my graduation thesis
- Applying theories and models to materials for quantum computing and other technological applications

KIST Center for Quantum Information

Feb 2023 – Present

Undergraduate Internship

Korea Institute of Science and Technology(KIST)

- Conducting research on Andreev bound states and Majorana qubits for my graduation thesis
- Applying theories and models to materials for quantum computing and other technological applications

AWARDS AND SCHOLARSHIP

The Presidential Science Scholarship

Jun 2020 - Present

Merit Scholarship

Korea Student Aid Foundation

- Full tuition granted for all semesters
- Additional KRW 2.5 million per semester for students of academic excellence

Recommendation Scholarship

Jan 2022

Merit Scholarship

SungKyunKwan University, Department of Physics

- KRW 1 million

Global Leader Learning Experience Scholarship

Feb 2023

Merit Scholarship

SungKyunKwan University, Department of Physics

- Received a KRW 0.4 million award for successful leadership and performance as a group leader

RESEARCH INTEREST

Condensed Matter Physics/Solid State Physics/Many-body particle physics

Quantum Computing/Quantum Information