

# SEOJUNE LEE (이서준)

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INTERESTS      Biomedical Imaging, Natural Language Processing

## EDUCATION

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### Seoul National University

*Undergraduate Student*

Seoul, Korea  
Mar. 2021 - Present

- Department of Electrical and Computer Engineering
- GPA: 4.24/4.3

### Korea Science Academy of KAIST

*High School Student*

Busan, Korea  
Feb. 2018 - Feb. 2021

- Distinction recognized by Busan Governor of Education. GPA: 4.17/4.3

## HONORS & SCHOLARSHIPS

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**The National Scholarship for Science and Engineering**, *Korea Student Aid Foundation*, 2021

Hanseong Nobel Scholarship for the Gifted, *Hanseong Sonjaehan Foundation*, 2018

Bronze Prize in Korea Olympiads in Informatics, *Ministry of Science and ICT*, 2018

## RESEARCH PROJECTS

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### On Wave Propagation in Hyperhelix Structures

*Advisor: Dr. Yongdeok Kim*

2019  
Korea Science Academy

- Created a simulator that analyzes mechanical wave propagation in curved waveguide. [paper]
- Utilized NumPy, SciPy and multi-core computing. Participated as a team leader.
- Gave a poster presentation on International Science Youth Forum (ISYF) @ Singapore 2020.

## SKILLS

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**Programming**      C++, Python, MatLab

**Tools**              Git, L<sup>A</sup>T<sub>E</sub>X, PyTorch

## EXTRACURRICULAR ACTIVITIES

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### Band Amplifier

*Keyboardist*

2021 - Present  
Seoul National University

- Band of department of electrical and computer engineering, SNU.

## RELEVANT COURSEWORK

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### Seoul National University

2021-2      Creative Engineering Design, Programming Methodology, Linear Algebra for Electrical Systems

2022-1      Signals and Systems, Introduction to Circuit Theory and Laboratory,  
Introduction to Random Variables and Random Process, Computational Linguistics

### Korea Science Academy of KAIST

- Linear Algebra, Differential Equations, Mathematical Modelling, Calculus III (Vector Calculus),  
Data Structures, Computer Science Seminar (Machine Learning), Introduction to Modern Physics

## MISCELLANIES

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**English**              970/990 (TOEIC), 404/600 (TOEFL)