

# SEOJUNE LEE (이서준)

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ACADEMIC INTERESTS      Biomedical Imaging, Deep Learning

## EDUCATION

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### Seoul National University

*Undergraduate Student in Electrical and Computer Engineering*

Seoul, Korea

Mar. 2021 - Present

- Minor in Linguistics
- GPA: Overall 4.26/4.3, Major 4.17/4.3, Minor 4.30/4.30
- Mar. 2022 - Sep. 2024: Leave of absence due to mandatory military service.

### Korea Science Academy of KAIST

*High School*

Busan, Korea

Feb. 2018 - Feb. 2021

- GPA: 4.17/4.3 (Rank: 4/131)
- Graduated with Distinction in Physics (2<sup>nd</sup> place)

## RESEARCH EXPERIENCES

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### Laboratory of Imaging Science and Technology (LIST)

*Undergraduate Research Intern*

Seoul National University

Jun. 2022 - Aug. 2022

- Advised by professor Jongho Lee
- Studied detection and correction of motion artifact of magnetic resonance images

### Research & Education Program (R&E)

*Title: On Wave Propagation in Hyperhelix Structures*

Korea Science Academy

Mar. 2019 - Dec. 2019

- Advised by Dr. Yongdeok Kim
- Implemented a mechanical wave simulator for curved waveguide using python
- Gave a poster presentation at International Science Youth Forum (ISYF) @ Singapore 2020

## HONORS & SCHOLARSHIPS

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**The National Scholarship for Science and Engineering**, *Korea Student Aid Foundation* (full tuition) 2021

**Hanseong Nobel Scholarship for the Gifted**, *Hanseong Sonjaehan Foundation* (\$10000 equivalent) 2018

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

## SKILLS

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**Programming**      Python, C++, MATLAB, Verilog  
**Tools**                Git, L<sup>A</sup>T<sub>E</sub>X, PyTorch

## EXTRACURRICULAR ACTIVITIES

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### OUTTA

*Student Mentor*

Mar. 2022 - Aug. 2022

- Organized online deep learning bootcamp, gave lectures on natural language processing

## MISCELLANIES

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**Algorithmic Problem Solving**    Solved 600+ Problems at Baekjoon Online Judge [profile]

**Coursera**      Completed online specialization “Generative Adversarial Networks”, *DeepLearning.AI* [certificate]

**English**        TOEIC: 970/990 (expired)

## RELEVANT COURSEWORK

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CS III(Intro to CS Theory), Data Structure, Intro to Modern Physics, Mathematical Modelling	KSA
Creative Engineering Design, Programming Methodology, Linear Algebra for Electrical Systems	Fall 2021
Signals and Systems, Introduction to Circuit Theory and Laboratory, Computational Linguistics	Spring 2022
Digital Logic Design & Lab, Introduction to Electromagnetism with Practice,	
Mathematical Foundations of Deep Neural Networks, Syntax	Fall 2022