SEOJUNE LEE (이서준)

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Interests

Biomedical Imaging, Deep Learning

Education

Seoul National University — Seoul, Korea
Undergraduate Student in Electrical and Computer Engineering — Mar. 2021 - Present

- Minor in Linguistics
- GPA: Overall 4.26/4.3, Major 4.17/4.3, Minor 4.30/4.30

Korea Science Academy of KAIST — Busan, Korea
High School — Feb. 2018 - Feb. 2021

- GPA: 4.17/4.3 (Rank: 4/131)
- Graduated with Distinction in Physics (2^{nd} place)

Research Experiences

Laboratory of Imaging Science and Technology (LIST) — Seoul National University
Undergraduate Research Intern — 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) — Korea Science Academy
Title: On Wave Propagation in Hyperhelix Structures — 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

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

Programming Python, C++, MATLAB, Java, R
Tools Git, LaTeX, PyTorch

Extracurricular Activities

OUTTA — Mar. 2022 - Aug. 2022
Student Mentor

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

Miscellanies

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

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*