

Yeeseok Oh

Master's student at The University of Tokyo. Last modified @ May 23, 2026

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Education

- Apr 2025 – Present | **The University of Tokyo**
Dept. of Mathematical Informatics, Graduate School of Information Science and Technology
Master's student under Prof. Ayumi Igarashi
Visited Dominik Peters at CNRS / LAMSADE, Université Paris Dauphine in September, 2025.
- Mar 2020 – Feb 2025 | **Seoul National University**
B.S. in Mathematical Sciences, B.S. in Statistics, and B.S. in Computer Science and Engineering
Honors: *summa cum laude* (GPA 4.0/4.3)

Publications

- Working paper | **Candidate Resignation Monotonicity in Approval-Based Committee Elections**
Yeeseok Oh and Dominik Peters

Experiences

- Jun 2025 – Present | **Computational Social Choice Team @ RIKEN Center for Advanced Intelligence Project (AIP)**
Part-time researcher
- Jan 2023 – Feb 2023 | **Cryptography & Privacy Lab @ Seoul National University (SNU)**
Research intern (full-time) (*Advisor: Yongsoo Song*)
Topic: Scaling Factor Scheduler Algorithm for Sign Approximation on Homomorphic Encryption
- Sep 2022 – Dec 2022 | **Mathematical Foundations of Deep Neural Networks (SNU)**
Teaching Assistant (*Professor: Ernest Ryu*)
https://ernestryu.com/courses/deep_learning.html
- Jul 2021 – Dec 2021 | **SNU Industrial & Mathematical Data Analytics Research Center**
10-10 Project research intern (*Advisor: Ernest Ryu*)
Topic: Double Descent Phenomenon in Deep Learning and Bias-Variance Tradeoff

Others

- **Awards, Grants, Certificcates**
 - **Silver Medal, Bronze Medal**
on 40th, 41st College Student Mathematics Competition by Korean Mathematical Society (2021, 2023)
 - Japanese Government (MEXT) Scholarship (2025-)
 - Kwanjeong Educational Foundation Scholarship (2022-3)
 - Seoul National University Foundation Scholarship (2021)
- **Language Proficiency**

Natural Language		Programming Language
JLPT N1(Japanese)	179 out of 180	Proficient: C, Python, Java, Julia, R
TOEFL iBT(English)	108 out of 120	Familiar: C++, C#
TOEIC(English)	985 out of 990	