

# Yongjin Han

## Curriculum Vitae

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### Objectives

I am interested in **reasoning and safety for trustworthy AI**, with a focus on understanding the behavior of large language models. Previously, I worked on certified robustness in AI/ML and on software security grounded in programming language theory.

### Educations

- 2024 **Master's Degree in Computer Science**, *University of California, Davis*.
- 2021 **Bachelor's Degree in Computer Science and Engineering**, *Dongguk University*.

### Publications

#### International

- 2025 **Yongjin Han** and Suhyun Kim. Lipschitz-aware linearity grafting for certified robustness. *arXiv preprint arXiv:2510.25130*, 2025.

#### Domestic

- 2020 **Yongjin Han**, Soo-Lyn Choi, JoongYeon Lim, and Sun-Young Ihm. A research on the prediction of outside accident of the troops based on earthquake analysis model. *Korean Journal of Military Art and Science*, volume 76, pages 119–144, 2020.
- 2020 **Yongjin Han**, Soo-Lyn Choi, Sun-Young Ihm, and Yunsik Son. A predictive policing with epidemic type aftershock sequence model. In *Proceedings of the 2nd International Conference on SMART Policing Convergence*, Seoul, Korea, October 2020.
- 2020 **[Best Paper] Yongjin Han**, Seokmin Chang, and Yunsik Son. A study on the virtual machine performance optimization using lazy evaluation. In *Korea Multimedia Society Conference*, August 2020.

### Research Experiences

- June, 2024 – present **KDST lab**, *Kyung Hee University (prev. at KIST)*.
- Jul 2022 – Mar 2024 **Ian Davidson's AI/ML Lab**, *UC Davis*.
- Jul 2019 – Feb 2021 **Programming Language and Secure Software Lab**, *Dongguk University*.
- Aug 2017 – May 2019 **CERT (Computer Emergency Response Team)**, *Republic of Korea, Army*.

### Honors/Awards

- 2026 **Commendation** | Model Citizen Award by Mayor of Yeongtong, Suwon
- 2020 **Senior scholarship** | Introduction to the Capstone Design Course 1 at Dongguk University
- 2020 **Best paper** | Summer Conference, Korea Multi Media Society, Korea Federation of Information Technology Societies

2017 **Silver prize** | Programming Contest at Dongguk University

2016 **Bronze prize** | Programming Contest at Dept of CSE, Dongguk University

## Extra Activities

2025 **(Volunteer)**, *Academic and Emotional Support Mentor Volunteer for K-12 students*, Yeongtong  
–Present Social Welfare Center.

2023 –2025 **(Vice President)**, *Korean Graduate Student Association*, UC Davis.

2024 **(Book Translation)**, *Jack Widman. (2024) [KOR] Learning Functional Programming*, (Jinho Lee, **Yongjin Han**, Trans.), Acorn Publishing Co. (Original work published 2023).

## Teaching Assistantships

Spring, 2026 **AI100200: AI Programming**, KyungHee University.

Fall, 2025 **AI100200: AI Programming**, KyungHee University.

Spring, 2020 **(Tutor) Compiler Construction, Programming Language and Theory**, Dongguk University.

## Patent

2020 Dongguk University Industry-Academic Cooperation Foundation (2020). KR Patent No. 1020200176727. Korea Intellectual Property Right Information System.