Jeongseop Lim (임정섭)

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Research Interests

Practical program analysis for real-world software systems

- Programming languages
- Static program analysis
- Python (language and ecosystem)
- Automated software testing

Education

M.S. in Computer Science and Engineering	*Mar. 2026–present*
Korea University, Seoul, South Korea	

- Advisor: Hakjoo Oh

B.S. in Industrial and Management Engineering, Computer Science and Engineering	*Mar. 2020–Feb. 2026*
Korea University, Seoul, South Korea	

- GPA: 4.46/4.5 (Highest Honor)

Daegu Science High School	*Feb. 2016–Jan. 2019*
Daegu, South Korea	

Experience

Undergraduate Researcher	*Jan. 2025–Feb. 2026*
Software Analysis Lab at Korea University, Seoul, South Korea	

Software Engineer, Backend Team	*Aug. 2022–Aug. 2024*
8PERCENT, Inc., Seoul, South Korea	

- Established a onboarding program for backend developers 🔗
- Redesigned a legacy loan application system
- Upgraded the backend framework from Django 3.2 to 4.1
- Developed and managed a push notification system using Firebase Cloud Messaging

Honors and Awards

Scholarships:

The National Scholarship for Science and Engineering	*Spring 2022–Fall 2025*
Korea Student Aid Foundation (KOSAF)	
Woonhae Scholarship	*Spring 2021–Fall 2021*
Woonhae Foundation	
Gaheon Sindoh Scholarship	*Fall 2020*
Gaheon Sindoh Foundation	
Special Scholarship	*Spring 2020–Fall 2021*
Korea University Office of Student Affairs	

Awards:

Valedictorian of the College of Engineering	*Feb. 2026*
Korea University	
Dean's List	*Feb. 2025*
Korea University	
2nd Place, Channel Talk HACKY-TALKY Challengers 1st Hackathon	*Feb. 2023*

Channel Corporation
1st Place, 3rd KUIAI-Hackathon *Jan. 2023*
Korea University
3rd Place, 2022 KU Smart Campus Datathon *Oct. 2022*
Korea University Office of Digital Information
Dean's List *Feb. 2022*
Korea University

Technologies

Languages: Python, OCaml, Scala, SQL

Frameworks: Infer (static analyzer), scikit-learn, PyTorch, Django, FastAPI

Others: Docker, GitHub Actions, Amazon Web Services