

Jeongseop Lim (임정섭)

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Research Interests

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

Education

M.S. in Computer Science and Engineering <i>Korea University, Seoul, South Korea</i>	<i>Mar. 2026–present</i>
◦ Advisor: Hakjoo Oh	
B.S. in Industrial and Management Engineering, Computer Science and Engineering <i>Korea University, Seoul, South Korea</i>	<i>Mar. 2020–Feb. 2026</i>
◦ GPA: 4.45/4.5	
Daegu Science High School <i>Daegu, South Korea</i>	<i>Feb. 2016–Jan. 2019</i>

Experience

Undergraduate Researcher <i>Software Analysis Lab at Korea University, Seoul, South Korea</i>	<i>Jan. 2025–Feb. 2026</i>
Software Engineer, Backend Team <i>8PERCENT, Inc., Seoul, South Korea</i>	<i>Aug. 2022–Aug. 2024</i>
◦ 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 <i>Korea Student Aid Foundation (KOSAF)</i>	<i>Spring 2022–Fall 2025</i>
Woonhae Scholarship <i>Woonhae Foundation</i>	<i>Spring 2021–Fall 2021</i>
Gaheon Sindoh Scholarship <i>Gaheon Sindoh Foundation</i>	<i>Fall 2020</i>
Special Scholarship <i>Korea University Office of Student Affairs</i>	<i>Spring 2020–Fall 2021</i>

Awards:	
Dean's List <i>Korea University</i>	<i>Feb. 2025</i>
2nd Place, Channel Talk HACKY-TALKY Challengers 1st Hackathon <i>Channel Corporation</i>	<i>Feb. 2023</i>
1st Place, 3rd KUIAI-Hackathon <i>Korea University</i>	<i>Jan. 2023</i>
3rd Place, 2022 KU Smart Campus Datathon <i>Korea University Office of Digital Information</i>	<i>Oct. 2022</i>

Technologies

Languages: Python, OCaml, Scala, SQL

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

Others: Docker, GitHub Actions, Amazon Web Services