

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: 4.45/4.5

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:

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

Korea University Office of Digital Information

Dean's List

Korea University

Oct. 2022

Feb. 2022

Technologies

Languages: Python, OCaml, Scala, SQL

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

Others: Docker, GitHub Actions, Amazon Web Services