

Hoyun Youm

Curriculum Vitae

CONTACT INFORMATION

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EDUCATION

Yonsei University, Seoul, Republic of Korea
M.S./Ph.D. Student, September 2024 to Present
Advisor: Prof. Hanjun Kim

Research Project: “Compiler Optimization on Fully Homomorphic Encryption”

Yonsei University, Seoul, Republic of Korea

Bachelor of Engineering in Electrical and Electronic Engineering, March 2018 to February 2024

EXPERIENCE

Research Assistant, March 2024 to Present

Compiler Research Laboratory (Corelab), Yonsei University, Seoul, Republic of Korea

- Optimization of GPU libraries for homomorphic encryption

Undergraduate Research Assistant, January 2023 to February 2024

Compiler Research Laboratory (Corelab), Yonsei University, Seoul, Republic of Korea

- Benchmark design for the homomorphic encryption compiler

RECOGNITION

- Grand Prize for FHE Compiler for Privacy-preserving Machine Learning at ICT Challenge hosted by Ministry of Science and ICT, Republic of Korea, Sep 2023
- The National Scholarship for Science and Engineering, spring 2018 to fall 2023
- Academic Excellence Award, Honors, spring 2023
- Academic Excellence Award, High Honors, fall 2021
- Academic Excellence Award, Honors, spring 2018

PUBLICATIONS