

Hyunju Ryu

rhyunju31@gmail.com | GitHub | Portfolio

EDUCATION

Korea University

Ph.D. in Artificial Intelligence

Seoul, South Korea

Mar. 2026 – Present

Sungshin Women's University

B.E. in Convergence Security Engineering

Seoul, South Korea

Mar. 2022 – Feb. 2026

- GPA: 4.14/4.5 (96.4%)
- Minor in Information Systems Engineering (AI Convergence)

RESEARCH EXPERIENCE

Korea University, Computer Vision Lab

Graduate Researcher (Mar. 2026 – Present); Research Intern (May 2025 – Feb. 2026)

May 2025 – Present

Seoul, South Korea

- Advised by Prof. Sangpil Kim
- Contributed to multi-human motion generation research by preprocessing datasets and assisting in model training and experimentation
- Implemented and conducted evaluation experiments on digital image watermarking models using multiple metrics

WORK EXPERIENCE

NAEIL

Freelance Instructor & Co-facilitator (Programs hosted by AWS)

Aug. 2023 – Present

- Delivered “AI (ChatGPT × Make) Smart Work Automation Class”
- Mentor & Co-facilitator in AWS programs including No-Code AI Challenge and Hack-AI-Thon
- Co-facilitated AWS workshops and ideathons across multiple universities
- Co-facilitator & Judge, AWS Innovative Product Development Hackathon

POC Security

English MC & Staff

Apr. 2025

- Served as English MC and bilingual (Korean–English) on-site support at Zer0Con, an invite-only international conference on vulnerability research, hosting sessions and facilitating communication between global speakers and local staff

PUBLICATIONS

- **WaTeRFlow: Watermark Temporal Robustness via Flow Consistency** [pdf] *CVPR 2026*
Utae Jeong, Sumin In, Hyunju Ryu, Jaewan Choi, Feng Yang, Jongheon Jeong, Seungryong Kim, Sangpil Kim*

ACHIEVEMENTS

- Sungshin 21st Century Scholarship – 1st in department Feb. 2024
- Academic Scholarship (3-time recipient) Sep. 2022 – Aug. 2023
- AI Convergence IT Competition – Built *PicChat*, a psychological counseling chatbot Aug. 2024

SKILLS

- **Programming:** Python, JavaScript, C, HTML/CSS
- **Languages:** Korean (Native), English (Advanced)