

Heeyeon Kim

#207, 50 Sadang-ro, Dongjak-gu, Seoul, 07027 | yyyy1221@soongsil.ac.kr | <https://yyyy1221.github.io>

Education

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|--|---|
| Soongsil University Integrated Ph.D. Student in Computer Science and Engineering | Sep 2022 - Present Seoul, Republic of Korea |
| Soongsil University B.S. in Computer Science and Engineering | Mar 2018 – Aug 2022 Seoul, Republic of Korea |

Publications (International Journal)

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| Feature-centric registration of large deformed images using transformers and correlation distance | Jan 2025 |
| <ul style="list-style-type: none">• <i>Heeyeon Kim</i>, Minkyung Lee, Bohyoung Kim, Yeong-Gil Shin, Minyoung Chung• Computers in Biology and Medicine, JCR 2023 rank 2.3%, IF=7.0 [DOI] | |
| SA-DETR: Saliency Attention-based DETR for salient object detection | Dec 2024 |
| <ul style="list-style-type: none">• Kwangwoon Nam, Jeeheon Kim, <i>Heeyeon Kim</i>, Minyoung Chung• Pattern Analysis and Applications, JCR 2023 rank 33.2%, IF=3.7 [DOI] | |
| Adversarial example denoising and detection based on the consistency between Fourier-transformed layers | Nov 2024 |
| <ul style="list-style-type: none">• Seunghwan Jung, <i>Heeyeon Kim</i>, Minyoung Chung, Yeong-Gil Shin• Neurocomputing, JCR 2023 rank 21.1%, IF=5.5 [DOI] | |

Publications (Domestic Journal)

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| A Singular Value-Based Randomized Image Reconstruction Method for Defending Against Adversarial Attacks | Aug 2023 |
| <ul style="list-style-type: none">• <i>Heeyeon Kim</i>, Minyoung Chung• The Journal of Korean Institute of next Generation Computing [DOI] | |

Invited Talk

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| Ministry of Unification (Employ Development Program) ChatGPT and Artificial Intelligence | Jun 2024 |
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ACADEMIC SERVICE

IEEE Journal of Biomedical and Health Informatics
reviewer