

Youngseo Kim

Undergraduate student in A.I, with concentration in CV

Sangmyung University.
Seoul 03016, South Korea
(+82) 10-5699-9941
201910787@sangmyung.kr

Research Interests

Generative Model Multi-modal Fusion

Education

Mar. 2019-	University of Sangmyung at Seoul
Present	BS. Department of Human-Centered Artificial Intelligence
	GPA: 3.92 / 4.5

Research & Work Experience

Aug. 2021-	Institute of Intelligence Informatics Technology, Sangmyung University
Mar. 2022	Undergraduate Researcher
	Development of Human Pose

Apr. 2022-	K-SW Square Spring Program, Purdue University
Aug. 2022	Researcher Intern
	Capstone Project, Drone Detection

Sep. 2022-	Computer Vision Lab, Korea University
Present	Undergraduate Researcher
	Multi-modal Representation Learning

Publications

[1] J. Kim, D. Lee, **Y. Kim**, H. shin, Y. Heo, Y. Wang, Eric T. Matson, "Deep Learning Based Malicious Drone Detection Using Acoustic and Image Data," 2022 Sixth IEEE International Conference on Robotic Computing (IRC), Italy, 2022, pp. 91-92, doi: 10.1109/IRC55401.2022.00024.

[2] J. Kim, **Y. Kim**, H. shin, Y. Wang, Eric T. Matson, "'How Far Can a Drone be Detected?: A Drone-to-Drone Detection System Using Sensor Fusion", International Conference on Agents and Artificial Intelligence (ICAART), (2023)

Conferences

1. J. Kim, D. Lee, **Y. Kim**, H. shin, Y. Heo, Y. Wang, Eric T. Matson, "2022 Sixth IEEE International Conference on Robotic Computing (IRC)", Italy, Dec.2022 - poster
2. J. Kim, **Y. Kim**, H. shin, Y. Wang, Eric T. Matson, "15th International Conference on Agents and Artificial Intelligence 2023 (ICAART 2023)", Portugal, Feb.2023 - poster

Research & Work Experience

Sep. 2021-	PBL Project
Dec. 2021	A system that creates the model the casting director wants, using face descriptions
	Development of Multimodal Learning

Mar. 2021- July. 2021	PBL Project Semantic segmentation technology position of a recommendation service Development of Semantic Segmentation
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Honors and Awards

Nov. 2019	3rd Prize at Sangmyung Creative Convergence Integration Performance Contest 『SM AI Contest』 , Sangmyung University National Science Foundation Graduate Research Fellowship
Aug. 2021	1st Prize at 1st SW Educational Performance Convention 『SM AI Competition』 , Sangmyung University
Nov. 2021	Second Prize At 2nd SW Education Performance Convention 『SM AI Competition』 , Sangmyung University
Dec. 2021	SW Scholarship, Sangmyung University

Skills

Programing	Python(Fluent), C(Fluent), bash, Linux, Java, LATEX Pytorch(Fluent), TensorFlow, Keras
Languages	Korean, English, Japanese