

Chanyoung Kim

Curriculum Vitae

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RESEARCH INTERESTS

Machine learning, Deep learning, Computer vision
Multi-modal representation learning, 3D Computer vision

EDUCATION

Sejong University

Bachelor of Intelligent Mechatronics Engineering

Major GPA : 4.03 / 4.5, Overall GPA : 3.89 / 4.5 (7 out of 8 semesters)

Seoul, South Korea

Mar. 2017 – Feb 2023(*exp.*)

PUBLICATIONS

- [1] S.H.Lee*, **C.Kim***, W.Byeon, S.H.Yoon, J.Kim[†], S.Kim[†] (* equally contributed), **LISA: Localized Image Stylization with Audio via Implicit Neural Representation**, *arXiv 2022* [PDF] *Under Review*.
- [2] S.H.Lee, **C.Kim**, W.Byeon, G.Oh, S.H.Yoon, J.Kim*, S.Kim*, **Robust Sound-guided Image Manipulation**, *arXiv 2022* [PDF] *Under Review*.
- [3] W.Roh, G.Chang, S.Moon, G.Nam, **C.Kim**, Y.Kim, S.Kim*, J.Kim*, **ORA3D: Overlap Region Aware Multi-view 3D Object Detection**, *The British Machine Vision Conference (BMVC), 2022* [PDF]
- [4] S.H.Lee, G.Oh, W.Byeon, **C.Kim**, W.J.Ryoo, S.H.Yoon, J.Bae, J.Kim*, S.Kim*, **Sound-guided Semantic Video Generation**, *European Conference on Computer Vision (ECCV) 2022* [PDF]
- [5] S.H.Lee, W.Roh, W.Byeon, S.H.Yoon, **C.Kim**, J.Kim*, S.Kim*, **Sound-guided Semantic Image Manipulation**, *IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2022* [PDF]

RESEARCH EXPERIENCE

Computer Vision Lab @ Korea University

Feb. 2021 – Present

Advisor: Prof. Sangpil Kim (Dept. of AI), Prof. Jinkyu Kim (Dept. of CSE)

- Multi-modal Representation Learning (*joint research with NVIDIA Research*)
- 3D Computer Vision (*joint research with Meta Reality Lab*)

ACADEMIC SERVICE

Conference Reviewer

- *IEEE/CVF Winter Conference on Applications of Computer Vision (WACV) 2023*

AWARDS & HONORS

LAB Start-up 2022, 1st Place

Feb. 2022

Sejong Scholarship for Outstanding GPA, 3rd Place

Sep. 2021

XXIII Pyeongchang Olympic Winter Games, Medal of Contribution

Feb. 2018

SKILLS

Programming

- Fluent in Python, Pytorch, Tensorflow, Scikit-Learn, Shell Script, Git, L^AT_EX
- Have foundation for C, Photoshop

Languages

- Native speaker in Korean
- Fluent in English (TOEIC 925)
- 2 years at McKinley School, Pasadena, CA, United States (2006 – 2008)