

# Chanyoung Kim

## Curriculum Vitae

kochanha@gmail.com | [linkedin.com/in/chanyoung-kim](https://www.linkedin.com/in/chanyoung-kim) | [github.com/kochanha](https://github.com/kochanha)

### 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, G.Oh, S.H.Yoon, J.Kim\*, S.Kim\*, **Robust Sound-guided Image Manipulation**, *arXiv 2022* [PDF] *Under Review*.
- [2] 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]
- [3] 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]
- [4] 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 – Aug. 2022

*Advisor: Prof. Sangpil Kim (Dept. of AI)*

- 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<sup>A</sup>T<sub>E</sub>X
- 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)