SEIL KANG

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EDUCATION

Yonsei University   Sinchon, Seoul
Ph.D. Computer Science   Mar, 2023 - Present

Yonsei University   Sinchon, Seoul
BS. Chemical Engineering   Mar, 2020 - Mar, 2023

Inha University   Incheon
BS. Chemical Engineering   Mar 2015 - Feb 2020
Transfer to Yonsei @2020

EXPERIENCE

MICV Lab, Department of Computer Science, Yonsei Graduate School
MS   Mar 2023 - Present

- **M**ulti-modal **L**arge **L**anguage **M**odel with Medical (CXR-Report Generation)

- Medical Imaging

- Unsupervised Domain Generalization

- Weakly Supervised Semantic Segmentation

MICV Lab, Department of Computer Science, Yonsei Graduate School
Under grad. Intern   Mar 2022 - Mar 2023

- Weakly Supervised Semantic Segmentation

Naver BoostCourse Coaching Study
Coach - Py4e   Jul 2023 - Aug 2023
Coach - Data Science   Oct 2023 - Nov 2023
Coach - Data Science   Jan 2024 - Feb 2024

External Lecture by Elice corp.
External Instructor   Aug 2023 - Present

- Basic Python Lecture @Samsung Electronics
- Advanced Python Lecture @Samsung Electronics
- Basic Data Analysis and Machine Learning @Samsung Electronics
- Advanced Data Analysis and Machine Learning @Samsung Electronics
- Basic Object Detection with Computer Vision Lecture @WeZone
- Data Analysis with ML @Corning

EXTRACURRICULAR ACTIVITY

Google Machine Learning Bootcamp
Member   Jun 2022 - Sep 2022

- Deep Learning

- Kaggle Project

- TensorFlow Certificate

Yonsei-Naver Cloud Data Science Bootcamp
Member   Jan 2021 - Jun 2021

- Machine Learning

- Data Science

- Statistics

SUAPC 2022 Winter (Sinchon United-Univ. Algorithms Problems Competition)
Member   Jan 2023 - Present

- 23 rank / 60 teams

Yonsei Computer Vision Seminar
Member   Jan 2023 - Present

- Image Segmentation(Weakly Supervised)

- Domain Generalization

- Image Dehazing

- Multimodal learning

PoolC (Yonsei Programming Circles)
Member   Sep 2021 - Mar 2023

- Algorithms Problem Solving

SKILLS

Programming Languages:	Java, C++, C, Python
Framework:	Pytorch, TensorFlow
Language:	Korean, English

PUBLICATIONS

Large Language Model Framework for CXR Understanding(working title) *under review* 1st-author
- Improve CXR Understanding and Evaluating for Generative Language Model
WSSS(working title) *under review*   2nd-author
- Develop task of weakly-supervised semantic segmentation(wsss) using both CNN and Transformer
Real-time Dehazing(working title) *under review*   2nd-author
- Real-Time and Exceptional Performance Fast Dehazing