

SEUNGWOO LEE

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Education

Seoul National University (SNU)

MS IN DEPARTMENT OF INTELLIGENCE AND INFORMATION

Advisor: NoJun Kwak

Mar. 2022 - Feb. 2024

Korea University (KU)

BS IN ARTIFICIAL INTELLIGENCE AND MECHANICAL ENGINEERING

Seoul

Mar. 2015 - Feb. 2022

Professional Experience

Sep. 2022 - Mar. 2023 **AI research intern**, NAVER Corp

Aug. 2021 - Dec. 2021 **Naver Boostcamp AI tech(Computer vision track)**, NAVER Connect Foundation

Aug. 2021 - Dec. 2021 **Google Machine Learning Bootcamp**, Google Developers

Research Experience

RESEARCH INTERESTS

Multi-modal, Generative model(not limited to these areas)

Seoul National University

ADVISOR: PROF. NOJUN KWAK

Mar. 2022 - Present

- Publication: AADiff: Audio-Aligned Video Synthesis with Text-to-Image Diffusion
SEUNGWOO LEE, Chaerin Kong, Donghyeon Jeon, Nojun Kwak. 2023. **CVPR2023 AI for Content Creation Workshop(AI4CC)**

NAVER Corp

ADVISOR: SOONHWAN KWON, DONGHYUN JEON

Sep. 2022 - Mar. 2023

- Projects: Diffusion model for service(e.g., Multilingual diffusion model, Fashion diffusion model, diffusion model with LLM)
- Contributed presentation(DEVIEW2023): *We are now in the era of Large-scale Multimodal AI that can read (Language), see (Vision), and create (Generative model)*, Donghyeon Jeon

Extra curricular

HONORS

- 2015 - 2021 **NH Scholarship**, Human resource development
2020 **KU IT Leadership scholarship**, iOS application development

GROUP ACTIVITIES

- 2020 - 2021 **KU Computer Club**, Development support team, Deep Learning Study
2019 - 2020 **University of Vienna**, Exchange student(Informatics)
2017 - 2018 **Military service**, honorable discharge
2016 - 2017 **Likelion**, Back-end developer
2015 - 2017 **NH Volunteer group**, volunteer
2015 - 2016 **TEDxKU**, Curator team

DEVELOPMENT

Coursera, Deep Learning Specialization, Generative Adversarial Networks (GANs) Specialization, Machine Learning

TensorFlow Developer Certificate, Tensorflow certificate program