SEUNGWOO LEE

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Education

Seoul National University (SNU)   *Advisor: NoJun Kwak*
MS in Department of Intelligence and Information   *Mar. 2022 - Feb. 2024*

Korea University (KU)   *Seoul*
BS in Artificial Intelligence and Mechanical Engineering   *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, Donghyeon 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