

Minjae Lee

Master's Student in Machine Perception and Reasoning Laboratory @ Seoul National University, South Korea

Areas of expertise: Continual Learning, Multi-Modal Learning, Data Selection

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EDUCATION

MS in Artificial Intelligence, Seoul National University , Seoul, Korea Advisor: Jonghyun Choi 1 semester of MS in Artificial Intelligence, Yonsei University (Mar 2024 - June 2024)	Mar 2024 — Present
BS in Creative Technology Management, Yonsei University , Seoul, Korea Minor: Computer Science GPA: 3.8 / 4.3 2 years of absence due to obligatory military service (2019 - 2021)	Mar 2018 — Feb 2024
American International School in Chennai , Chennai, India Summa Cum Laude degree	Aug 2014 — June 2017

RESEARCH EXPERIENCE

RIKEN AIP , Tokyo, Japan Student Trainee @ Approximate Bayesian Inference Team • Team Director: Mohammad Emtiyaz Khan.	June 2025 — June 2025
Yonsei University , Seoul, Korea Research Undergraduate Intern @ Yonsei Vision and Learning Lab • Supervisor: Jonghyun Choi.	Jan 2023 — Feb 2024

PROJECTS

Object Detection Continual Learning , Hanwha System Inc. • Develop an object detection online continual learning method	April 2025 — Present
Wildfire Image Generation , Alchera Inc. • Developed synthetic wildfire dataset generation pipeline	June 2022 — Sep 2022
End-to-End OCR , Lomin Inc. • Design end-to-end OCR (text detection, text recognition) model	Dec 2021 — Mar 2022

PUBLICATIONS

- Minjae Lee***, Minhyuk Seo*, Tingyu Qu, Tinne Tuytelaars, Jonghyun Choi. OASIS: Online Sample Selection for Continual Visual Instruction Tuning. *Under Review at ACL ARR 2025 May*.
- Minhyuk Seo, Seongwon Cho, **Minjae Lee**, Diganta Misra, Hyeonbeom Choi, Seon Joo Kim and Jonghyun Choi. Just Say the Name: Online Continual Learning with Category Names Only via Data Generation. *Under Review at TMLR*.
- Minhyuk Seo, Hyunseo Koh, Wonje Jeung, **Minjae Lee**, San Kim, Hankook Lee, Sungjun Cho, Sungik Choi, Hyunwoo Kim and Jonghyun Choi. Learning Equi-angular Representations for Online Continual Learning. **CVPR 2024**.
- Dongwoo Kim, **Min Jae Lee**, Woosuk Ki, Dongwhan Kim. Exploring the Role of User-Driven Communities in NFT Valuation: A Case Study of Discord. **JMIS 2022**.

AWARDS & ACADEMIC ACTIVITY

Workshop Challenge Organizer, CLVISION (Continual Learning in Computer Vision) Workshop @ ICCV 2025	Oct 2025
1st Place Award, 2024 SNU AI Startup Competition, Seoul National University	Nov 2024
Outstanding Award, 4th Art Data Ideathon, Arts Council Korea	Aug 2023
Research Member, Yonsei AI (YAI, AI Academic Club), Yonsei University	Dec 2021 — Feb 2023
1st Place Award, 10th Smart Management Economic Forum Ideathon, Maeil Business	Aug 2019
Founder, DATUM (Data Science Academic Club), Yonsei University	Dec 2018 — Aug 2019

TECHNICAL SKILLS AND CERTIFICATION

Computer Certification	Python, Pytorch, Java, SQL, IBM SPSS Statistics SQL Developer (Sep 2022), Survey Analyst - Junior (Dec 2020), Computer Specialist in Spreadsheet and Database - High Level (Aug 2019)
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MILITARY SERVICE

Republic of Korea Army (Auxiliary Police), Seoul, Korea	Sep 2019 - Apr 2021
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