

# 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

**e-mail:** [mj1020@snu.ac.kr](mailto:mj1020@snu.ac.kr) / **webpage:** <https://98minjae.github.io/>

## EDUCATION

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

## RESEARCH EXPERIENCE

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

## PROJECTS

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

## 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 & HONORS

1st Place Award, 2024 SNU AI Startup Competition, Seoul National University	Nov 2024
Outstanding Award, 4th Art Data Ideathon, Arts Council Korea	Aug 2023
1st Place Award, 10th Smart Management Economic Forum Ideathon, Maeil Business	Aug 2019

## TECHNICAL SKILLS AND CERTIFICATION

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

## MILITARY SERVICE

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