EungGu Yun

윤응구

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I am an AI researcher at **KRAFTON**, working on the evaluation of large language models and speech models. My background includes research on neural-network **loss landscapes** at **KAIST** and on image anomaly detection and **language-assisted vision** at **SAIGE**.

Experience

KRAFTON
Seoul, Korea

AI Researcher · AI Research Division — *2026. 08 – Now*

- Evaluate large language models and speech models.
- Assess model capabilities and examine their behavior in conversational and agentic settings.

SAIGE
Seoul, Korea

AI Researcher · AI Laboratory — *2023. 03 – 2026. 07*

- Research on image anomaly detection (IAD) systems for industrial inspection.
- Research language-assisted vision models for data-efficient training.
- Conduct TensorRT-based optimization for real-time inference in object detection and tracking.

Seoul National University (SNU)
Seoul, Korea

Research Intern · AI Institute (AIIS) — *2020. 07 – 2020. 09*

- Supervisor: **Prof. Wonjong Rhee**
- Lab: **Deep Representation Learning Research Group (DRL)**
- Research on model interpretability and activation on-off patterns.
- Reproduced CNN visualization methods including Grad-CAM, (C)LRP, etc.

Electronics and Telecommunications Research Institute (ETRI)
Daejeon, Korea

Research Intern · AI Research Laboratory — *2020. 01 – 2020. 02*

- Supervisor: **Yoo-mi Park**
- Tested and debugged ETRI Deep Learning HPC Platform Dashboard.
- Implemented AlexNet and ResNet models with DL-MDL.

Education

Korea Advanced Institute of Science and Technology (KAIST)
Daejeon, Korea

M.S. in Artificial Intelligence · Graduate School of AI — *2021. 03 – 2023. 02*

- Supervisor: **Prof. Juho Lee**
- Lab: **Statistical Inference and Machine Learning Lab (SIML)**
- Thesis: *Traversing Between Modes in Function Space for Fast Ensembling*
- Research interests: Loss landscape, Neural processes

SungKyunKwan University (SKKU)
Seoul, Korea

B.S. in Computer Science and Engineering · College of Computing — *2017. 03 – 2020. 08*

- Total GPA: 4.33 / 4.5
- Major GPA: 4.47 / 4.5

Publications

Conferences

ELDET: Early-Learning Distillation with Noisy Labels for Object Detection — NeurIPS
Dongmin Choi*, Sangbin Lee*, **EungGu Yun**, Jonghyuk Baek, Frank C. Park (*: Equal contribution) *2025*

Language-Assisted Feature Transformation for Anomaly Detection — ICLR
EungGu Yun, Heonjin Ha, Yeongwoo Nam, Bryan Dongik Lee *2025*

A Simple Early Exiting Framework for Accelerated Sampling in Diffusion Models — ICML
Taehong Moon, Moonseok Choi, **EungGu Yun**, Jongmin Yoon, Gayoung Lee, Jaewoong Cho, Juho Lee *2024*

Learning Dynamic Brain Connectome with Graph Transformers for Psychiatric Diagnosis Classification — IEEE ISBI
Byung-Hoon Kim, Jungwon Choi, **EungGu Yun**, Kyungsang Kim, Xiang Li, Juho Lee *2024*

Probabilistic Imputation for Time-series Classification with Missing Data — ICML
SeungHyun Kim*, Hyunsu Kim*, **EungGu Yun***, Hwangrae Lee, Jaehun Lee, Juho Lee (*: Equal contribution) *2023*

Traversing Between Modes in Function Space for Fast Ensembling — ICML
EungGu Yun*, Hyungi Lee*, Giung Nam*, Juho Lee (*: Equal contribution) *2023*

Martingale Posterior Neural Processes — *Spotlight* ICLR
Hyungi Lee, **EungGu Yun**, Giung Nam, Edwin Fong, Juho Lee *2023*

Scale Mixtures of Neural Network Gaussian Processes — ICLR
Hyungi Lee, **EungGu Yun**, Hongseok Yang, Juho Lee *2022*

Workshops

Large-scale Graph Representation Learning of Dynamic Brain Connectome with Transformers — TGL @ NeurIPS
Byung-Hoon Kim, Jungwon Choi, **EungGu Yun**, Kyungsang Kim, Xiang Li, Juho Lee *2023*

A Generative Self-Supervised Framework using Functional Connectivity in fMRI Data — TGL @ NeurIPS
Jungwon Choi, Seongho Keum, **EungGu Yun**, Byung-Hoon Kim, Juho Lee *2023*

Early Exiting for Accelerated Inference in Diffusion Models — SPIGM @ ICML
Taehong Moon, Moonseok Choi, **EungGu Yun**, Jongmin Yoon, Gayoung Lee, Juho Lee *2023*

Journals

Recent Advances of Radiative Transfer Emulator in WRF Model — KOMES
Hwan-Jin Song, Soonyoung Roh, Park Sa Kim, Juho Lee, Giung Nam, **EungGu Yun**, Jongmin Yoon *2022*

Benefits of Stochastic Weight Averaging in Developing Neural Network Radiation Scheme for Numerical Weather Prediction — JAMES
Hwan-Jin Song, Soonyoung Roh, Juho Lee, Giung Nam, **EungGu Yun**, Jongmin Yoon, Park Sa Kim *2022*

Preprints

On-Off Pattern Encoding and Path-Count Encoding as Deep Neural Network Representations — arXiv
Euna Jung, Jaekeol Choi, **EungGu Yun**, Wonjong Rhee *2020*

Academic Service

Reviewer for **NeurIPS**	2023, 2024, 2025 (Top reviewer ~8%)
Reviewer for **ICML**	2025
Reviewer for **ICLR**	2024, 2025
Reviewer for **AAAI**	2025, 2026
Reviewer for **Pattern Recognition**	2026

Awards & Honors

The National Scholarship for Science and Engineering *2019 Spring – 2020 Spring*
Korea Student Aid Foundation (KOSAF)

- Supports undergraduates with strong academic performance in science and engineering.

SungKyun Software Scholarship *2017 Spring – 2018 Fall*
SungKyunKwan University (SKKU)

- Supports students with an outstanding GPA.

Dean's List Award *2017 Spring – 2019 Fall*
College of Computing, SungKyunKwan University (SKKU)

- In recognition of high scholastic achievement. (6 times)

Projects

Bayesian Inference for Time-series Data with Missing Values *2022. 08 – 2023. 02*
Samsung Research

- Developed a Bayesian deep learning method to quantify uncertainty within missing values.
- Proposed a multivariate time-series classification model using ObsDropout regularization.
- Validated on PhysioNet 2012, MIMIC-III, and UCI human activity datasets.

Developing AI-based Emulator for Physics Processes in Numerical Models *2021. 05 – 2022. 07*
National Institute of Meteorological Sciences (NIMS)

- Researched alternative AI-based techniques for physical processes in numerical weather prediction (NWP) models.
- Goal: reduce computational costs and improve accuracy of NWP.

Skills

Programming	Python, JavaScript, C, C++, LaTeX
Deep Learning	PyTorch, JAX, TPU
Systems	Linux, Docker, Google Cloud
Languages	Korean (native), English (intermediate)