Jeewon Yang

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Education

KAIST, Artificial Intelligence

Daejeon, South Korea
2024 – present

Seoul National University, Artificial Intelligence

Seoul, South Korea
2021 – 2023

KAIST, Bio and Brain Engineering

Daejeon, South Korea
2013 – 2020

Experience

Meissa Planet, AI Research Intern

Seoul, South Korea
2023 – 2024
1 year

- Image segmentation utilizing Segment Anything Model (SAM)
- Attempts to accurately measure the earthwork volume through image segmentation of satellite images of construction sites

NLP NCSOFT, Research Intern

Pangyo, South Korea
2023 – 2023
1 year

- Augmentation of Korean-English parallel corpus based on dependency parsing
- Construction of common sense knowledge graph based on events extracted from raw text
- Data collection and analysis for developing conversational technologies
- Analysis and process for text data for developing language model and machine translation technologies

Bio-MAX Institute, Seoul National University, Bioinformatics Research Intern

Seoul, South Korea
2021 – 2021
1 year

- Analyzing multi-omics data
- Reproducing a paper on how to use machine learning for quantitative assessment on the degree of oncogenic de-differentiation

Deep Bio, Machine Learning Engineer

Seoul, South Korea
2020 – 2021
1 year

- Predicting the risk of disease occurrence based on the health screening data and single nucleotide polymorphism (SNP) data using machine learning
- Experiments on knowledge distillation using image data (CIFAR-10 and CIFAR-100) for model compression

Department of Brain and Cognitive Sciences, Seoul National University, Student Intern

Seoul, South Korea
2020 – 2020
1 year

- Analyzing MRI image using MATLAB and FreeSurfer
- Analyzing electroencephalogram (EEG) data
- Conducting EEG tests
- Conducting Mini-Mental State Examination (MMSE)

Publications

EHRNoteQA: An LLM Benchmark for Real-World Clinical Practice Using Discharge Summaries

Kweon, Sunjun, et al.

neurips.cc/virtual/2024/poster/97643

Deep learning-based survival prediction using DNA methylation-derived 3D genomic information

Yag, Jeewon, et al.

dl.acm.org/doi/10.1145/3584371.3612966

Metheor: Ultrafast DNA methylation heterogeneity calculation from bisulfite read alignments
Lee, Dohoon, et al.
journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1010946

Learning the histone codes with large genomic windows and three-dimensional chromatin interactions using transformer
Lee, Dohoon, et al.
www.nature.com/articles/s41467-022-34152-5

Languages

English
Fluent

Korean
Native