

# Jeewon Yang

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## Education

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**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

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**Meissa Planet**, AI Research Intern

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

Seoul, South Korea  
2023 – 2024  
1 year

**NCSOFT**, NLP Research Intern

- 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

Pangyo, South Korea  
2023 – 2023  
1 year

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

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

Seoul, South Korea  
2021 – 2021  
1 year

**Deep Bio**, Machine Learning Engineer

- 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

Seoul, South Korea  
2020 – 2021  
1 year

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

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

Seoul, South Korea  
2020 – 2020  
1 year

## Publications

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

Kweon, Sunjun, et al.

[neurips.cc/virtual/2024/poster/97643](https://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](https://dl.acm.org/doi/10.1145/3584371.3612966)

**Methor: Ultrafast DNA methylation heterogeneity calculation from bisulfite read alignments**

Lee, Dohoon, et al.

[journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1010946](https://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](https://www.nature.com/articles/s41467-022-34152-5)

## **Languages** ---

**English**

Fluent (Both verbal and written)

**Korean**

Native