

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 <ul style="list-style-type: none">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 <ul style="list-style-type: none">Augmentation of Korean-English parallel corpus based on dependency parsingConstruction of common sense knowledge graph based on events extracted from raw textData collection and analysis for developing conversational technologiesAnalysis 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 <ul style="list-style-type: none">Analyzing multi-omics dataReproducing 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 <ul style="list-style-type: none">Predicting the risk of disease occurrence based on the health screening data and single nucleotide polymorphism (SNP) data using machine learningExperiments 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 <ul style="list-style-type: none">Analyzing MRI image using MATLAB and FreeSurferAnalyzing electroencephalogram (EEG) dataConducting EEG testsConducting Mini-Mental State Examination (MMSE)	Seoul, South Korea 2020 – 2020 1 year

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 (Both verbal and written)

Korean

Native