Younsuk Yeom
Seoul 02856, +82-10-2697-0734, yuemyoun@gmail.com

Education

Undergraduate in Biomedical Engineering, Integrated Major in Artificial Intelligence
Korea University, Seoul, 3/2018~2/2024 (expected to graduate)

- Cumulative GPA 4.15
- 18th President, KUBIG (Korea University Data Science Society) | 7/2023 ~
- Member, KUBIG (Korea University Data Science Society) | 1/2022 –6/2023
- Member, BEAT (Biomedical Engineering Academic Team) | 6/2021 – 2021/12

Experience

KUBIG, Korea University, Seoul
Member 2022.1 ~

- Project: Image Super Resolution project (CV, EDSR, SwinIR and RRDB+)
- Project: classify topic of News title (NLP, Roberta and Koelectra)
- Project: predicting UV level and frequency of cardiovascular disease with weather data
- Project: Predicting opening and closing of hospital with accounting data
- Project: Predicting the number of a movie audience
- Study group activity: Graph Neural Network
- Study group activity: Tableau Visualization

Team Joo Internship, Korea University, Seoul
Research Intern, 2022.3 ~ 2022.12

- Research on bioinformatics datasets and preprocessing
- GeneBert project: data preprocessing (2d expression matrix) with Synapse and UKB omics data by using PrediXcan weights

Inc. Curigin, Seoul
Research Intern, 2021.6.16 ~ 2022.3.11

- Project: Scoring efficiency bi-specific siRNA using machine learning regression model
- Project: siRNA database preprocessing and annotation mapping
- Project: Gene expression pathway analysis automatization using web crawling

Other Projects

- Project: Improving Performance of PRIDE Algorithm through Advanced Methods
- Project: Bank Marketing Campaign Analysis

Scientific and/or Technical Expertise

- Programming skills using python(High), Matlab (High), C++(Low), R(Intermediate) and Linux(Intermediate)
- Analysis experience using bioinformatics tools (PLINK, Samtools)
- Machine Learning and Deep learning end to end modeling using python
- Tableau Visualization (Intermediate)
- SAS studio (Intermediate)

Research Interests

- Data Mining, Data Analysis
- Machine learning and Deep learning Engineering

Awards and Honors

- 1st Prize, Pandemic Block-Chain Ideaton, Institute of cyber security & privacy, Korea Univ., 2020.11.27
- 3rd Prize, Artificial intelligence idea contest with Cancer Big Data, National Cancer Center, 2020.11.02