MINHO EOM

M.S., School of Electrical Engineering at KAIST

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EDUCATION

Korea Advanced Institute of Science and Technology(KAIST)   Mar.2021 - Present
M.S. in Electrical Engineering

Korea Advanced Institute of Science and Technology(KAIST)   Mar.2017 - Feb.2021
B.S. in Computer Science & Electrical Engineering (Double Major)

RESEARCH INTERESTS

Computational neuroscience, Brain computer inferface, Neuro-instrumentation

PROJECTS

Multi-Modal Fiber Manufacturing for Brain Stimulation and Recording
- Making fiber drawing tower for manufacturing a flexible multi-functional fiber from a large preform for simultaneous brain stimulation and recording

TECHNICAL STRENGTHS

Programming Skills	Web(Full Stack Engineering), Machine Learning, Cloud Computing
Programming Languages	JavaScript, Python, C
Frameworks	MERN(MongoDB, Express, React, Node), Tensorflow

WORK EXPERIENCE

Neuro-Instrumentation and Comput. Analysis Laboratory, KAIST   Dec.2020 - Present
Full-time Researcher

Computational analysis of brain structure, Computational analysis of brain activity

Bio and Neural Interfaces Laboratory, KAIST   Oct.2019 - Jun.2020
Undergraduate Researcher

Flexible and organic fiber-based neural probes for simultaneously recording and stimulating by making a core fiber-drawing system.

Machine Learning and Intelligence Laboratory, KAIST   Jun.2019 - Aug.2019
Undergraduate Researcher

Build and train attention-based neural models generating the caption of image.
Writing reinforcement-learning agents library for Tensorflow 2.0

AWARDS & HONORS

National Science & Technology Scholarship   Mar.2019 - Present
Merit-based scholarships