Nao Yukawa

Deep Learning Engineer and Neurotech Evangelist

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EXPERIENCE

NeurotechJP, Online — *Interviewer (Self-employed)*
October 2021 - PRESENT

Running an online media on neurotechnology (https://neurotechjp.com/). I publish articles about trends of neurotechnology and interview pioneers working at the cutting edge of the field.

Algoage, Tokyo — *Software Engineer (Paid Internship)*
October 2019 - August 2021

Worked on projects where **I built Deep Learning models for object detection and developed web apps** (both front and back end). I worked in a team of 4 ~ 5, and was the only student in the team at that time.

Araya, Tokyo — *Student Researcher (Paid Internship)*
April 2021 - July 2021

Developed an AI model for pose estimation, which was later used to decode behaviors of monkeys from their neural activity. **The project was led by the Japanese government**, and aimed at the realization of a society in which human beings can be free from limitations of the body.

EDUCATION

The University of Tokyo, Tokyo — *Bachelor of Engineering*
April 2018 - March 2022

The most famous and hardest university to get into in Japan.

San Francisco State University, San Francisco — *College of Extended Learning on International Business*
September 2021 - June 2022 (Expected)

RESEARCH PROJECTS

Graduation Research — *Matsuo Lab*
"Classification of Words from Inner Speech Using a Deep Learning Model Trained on EEG Data"
April 2020 - September 2020

The paper was accepted at JSAI (The Japanese Society for Artificial Intelligence), the largest AI conference in Japan.

Term Project — *Matsuo Lab*
"Verification on a Deep Learning model which incorporates Global Workspace Theory"

SKILLS

Data Science: **Python, Machine Learning, Deep Learning (PyTorch), Computer Vision, Natural Language Processing, Signal Processing (EEG)**

Web Development: **JavaScript (Vue.js, Nuxt.js), TypeScript, Flutter, MongoDB, Git, Docker**

AWARDS

Won a bronze medal in a Kaggle competition named Commonlit Readability Prize
The goal of the competition was to make an NLP machine learning model to rate the complexity of reading passages.
https://www.kaggle.com/c/commonlitreadabilityprize

LANGUAGES

Japanese (Native), English (Advanced)