

Junya Honda

Nationality: Japan
Date of Birth: July 28th, 2002
Sex: Male

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PROFILE SUMMARY

As a student majoring in computer science, I have developed skills in various data analysis techniques, with a particular focus on time-series biological data. Currently, I am working on neuroscience research under the supervision of Prof. Uehara at Toyohashi University of Technology, Japan. My research interest is to understand the neural functions underlying both intact and aberrant human behavior leveraging data-driven analytical approaches. I am seeking an internship opportunity in your laboratory to contribute to data analysis including biometric data such as cortical and intracranial electroencephalogram.

SKILLS

- Data Analysis: Time-series analysis (including EEG), Statistical Analysis
- Programming: Python, Matlab, C, Java, SQL, Rust
- Tools: Pytorch, NetworkX, Plotly, scikit-learn
- Natural Language Processing (NLP): Topic modeling, Word2Vec, LLMs
- Global Communication Skills and Cross-cultural Understanding:
 - Japanese (Native), English (Intermediate)
 - I live in Global House (a student dormitory for the Global Technology Architects Course at Toyohashi University of Technology) and communicate with international students in English.
 - I am a member of UNITAR (The United Nations Institute for Training and Research) Students Association.
 - TOEIC Score: 755

EDUCATION

Toyohashi University of Technology, Toyohashi, Aichi, Japan

April 2023-March 2025

The Department of Computer Science and Engineering

A senior university: GPA: 3.57/4.00

Neural Information Dynamics Laboratory

Supervisor: Associate Professor, Kazumasa Uehara

National Institute of Technology, Kumamoto College, Koshi, Kumamoto Japan

April 2018-March 2023

The Department of Information, Communication, Electronics Engineering

Supervisor: Associate Professor, Hirohito Shintani

Thesis title: "Research on Time Series Forecasting of Power Demand Using Only Weather Data and Date/Time Information ~ Examination of Learning Models Without Using Power Consumption Data as Input ~"

Reference

Kazumasa Uehara, Ph.D. Associate Professor

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