RYOTARO MITSUBOSHI

PERSONAL DETAIL

NAME	Ryotaro MITSUBOSHI
POSITION	System Engineer
Affiliation	Internet Initiative Japan Inc.
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SUMMARY

A machine learning researcher specialized in theoretical convergence rates for boosting, online learning, and Frank-Wolfe algorithms.

EDUCATION

Doctor of Information Science
Department of Informatics,   April 2020 – September 2024
Kyushu University, Japan

Master of Computer Science
Department of Informatics,   April 2018 – March 2020
Kyushu University, Japan

Bachelor of Science
Faculty of Physics,   April 2018 – March 2020
Kyushu University, Japan

WORK EXPERIENCE

System Engineer   April 2024 – Present
IoT Division, Internet Initiative Japan Inc.

Part-time job   June 2020 – March 2024
Computational Learning Theory Theam, RIKEN AIP

Publications

- Yuta Kurokawa, Ryotaro Mitsuboshi, Haruki Hamasaki, Kohei Hatano, Eiji Takimoto, and Holakou Rahmanian. Extended Formulations via Decision Diagrams. The 29th Annual International Computing and Combinatorics Conference, 2023.

- Ryotaro Mitsuboshi, Kohei Hatano, and Eiji Takimoto. Solving Linear Regression with Insensitive Loss by Boosting. IEICE Transactions on Information and Systems, 2024.

- Ryotaro Mitsuboshi, Kohei Hatano, and Eiji Takimoto. Online Combinatorial Linear Optimization via a Frank-Wolfe-based Metarounding Algorithm. IEICE Transactions on Information and Systems, 2024.

PROJECTS

Miniboosts ↗	A collection of boosting algorithms written in Rust.
Bandit ↗	A small collection of bandit algorithms written in Rust.

SKILLS

Languages: Rust, C/C++, Python3, Go, Haskell