Akihiro Sakuramoto

Master's Student, AI Science Area, Japan Advanced Institute of Science and Technology (JAIST)

s2510069@jaist.ac.jp sakuramoto.may [at] gmail.com github.com/aki41105 ORCID: 0009-0006-7932-0219

LinkedIn Okada Laboratory

Research Overview

I study real-world human-robot interaction through social signal processing and multimodal interaction, focusing on how people and robots relate to one another in everyday settings.

Education

Japan Advanced Institute of Science and Technology (JAIST) Apr. 2025--Present

M.S. student, AI Science Area

University of Toyama Apr. 2021--Mar. 2025

B.E., Electrical and Electronic Engineering Course, Faculty of Engineering

Experience and Activities

Joint Research with CyberAgent AI Lab 2025--Present

Research on real-world HRI and interaction quality evaluation using in-store customer-service robot interaction data.

Internship, FUJI Corporation Aug. 2025--Sep. 2025

Worked on AI-based image inspection for defects occurring inside solder paste printers, including data collection and algorithm development.

Internship, Robot Learning Laboratory, NAIST Feb. 2024--Mar. 2024

Worked on robot manipulation tasks using reinforcement learning.

NHK Student Robocon 2023 Finalist 2023

Worked on robot control in the University of Toyama Robocon Project using ROS, C, and Python.

Publications and Presentations

- Sakuramoto A., Hayashi T., Miyoshi R., Okafuji Y., Okada S. *A Multimodal Rapport Estimation Model for Evaluating Interaction Quality in Real-World HRI.* Meeting on Image Recognition and Understanding (MIRU), Poster presentation, Aug. 2026.

Awards

- JAIST Student Grant Scholarship, awarded for academic excellence, 2025--2026.

Skills

- Research areas: human-robot interaction, social signal processing, multimodal interaction, interaction quality evaluation.
- Technical experience: Python, C, ROS, data collection, annotation, machine learning, reinforcement learning.