

# Taro Tako

Email: tako.taro.tf@tut.jp

Homepage: <https://tabinohito.github.io>

## Personal Information

Date of Birth: 02/10/2000

Research Interests: Humanoid Robots, Circuits

## Education

Ph.D in The Graduate University for Advanced Studies, National institute of informatics, PRIN Lab, 2025/04 -

M.E. in Toyohashi University of Technology, Department of Computer Science and Engineering, Information Robot System Laboratory, 2023/04 - 2025/03

B.E. in Toyohashi University of Technology, Department of Computer Science and Engineering, Information Robot System Laboratory, 2021/04 - 2023/03

A.B.E. in National Institute of Technology, Toyama College, Department of Electronics and Computer Engineering, 2016/04 - 2021/03

## Experience

Research assistant Institute of Advanced Industrial Science and Technology(AIST),CNRS-AIST JRL(Joint Robotics Laboratory), IRL3218 (2024/3 - 2025/3)

Part time engineer Tokuiten Inc. (2023/2 -)

Research assistant Toyohashi University of Technology, Robot-Mechatronics Lab (2022/10 - 2023/3)

Part time engineer Aeterlink Inc. (2020/11 - 2025/03)

Internship Harmonic Drive Systems Inc. (2019/03)

## Skills

Software Skills:

Advanced: C, C++, Python

Basic: Java, JavaScript

Hardware Skills:

Intermediate: 3D CAD, 3D Printer, FPGA

Basic: Machining

## Publications

Title: Tactile Sensor-Based Detection of Partial Foothold for Balance Control in Humanoid Robot

Authors: Taro Tako, Rafael Cisneros-Limón, Hiroshi Kaminaga, Kenji Kaneko, Masaki Murooka, Iori Kumagai, Hiroaki Masuzawa, Yohei Kakiuchi

Conference/Journal: 2024 IEEE-RAS International Conference on Humanoid Robots

Date: 2024/11/24

Link: <https://doi.org/10.1109/Humanoids58906.2024.10769855>

Title: Examination of Indoor Position Estimation System by UWB

Authors: Taro Tako, Kyo Takata, Kazuya Unjo, Nao Ito, Tessai Hayama

Conference/Journal: STI-Gigaku 2020

Date: 2020/10/30

Link: No link available