

Futa (Kai) Waseda

PhD student, at The University of Tokyo

Profile

Language: Japanese: Native, English: C1 level (TOEFL-iBT 96/120)

Nationality: Japan/USA

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Education

April 2023 – current

- **PhD student**
- The University of Tokyo, Japan. Graduate School of Information Science and Technology.

April 2020 – March 2023

- **Masters of Informatics.**
- The University of Tokyo, Japan. Graduate School of Information Science and Technology.

April 2016 – March 2020

- **Bachelor of Engineering.**
- The University of Tokyo, Japan.

Experience

April 2022 – current

- **Research Assistant**
- NII (National Institute of Informatics), Japan.

April 2020 – current

- **Machine Learning / Algorithm's Research Engineer**
- Ollo inc, Japan.

April 2021 – March 2022

- **Exchange student**
- Technical University of Munich (TUM), Germany.
- Achievements
 - Paper got accepted to ICML 2023.

April 2020 – March 2021

- **Research Assistant**
- NII (National Institute of Informatics), Japan.
- Achievements
 - Paper got accepted to WACV 2023.

Publications

1. Tomani, Christian* and Futa Waseda* et al. "Beyond In-Domain Scenarios: Robust Density-Aware Calibration." International Conference on Machine Learning 2023. (**ICML 2023**). (*Equal-contribution co-first author)
2. Waseda, Futa, et al. "Closer Look at the Transferability of Adversarial Examples: How They Fool Different Models Differently." Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision. 2023. (**WACV 2023**)
3. Waseda, Futa, and Kenji Tanaka. "Bidding agent for electric vehicles in peer-to-peer electricity trading market considering uncertainty." 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (**EEEIC/I&CPS Europe**). IEEE, 2020.

Skills

Programing languages:

- Python, Pytorch

Machine learning / Deep learning:

- I have sufficient experiences to use libraries related to machine learning, such as numpy, pandas, scikit-learn, Pytorch.

Communication skill in research and development:

- High communication skill in both Japanese and English that leads to great teamwork in academic research and software engineering.

Links

Portfolio: <https://futawaseda.netlify.app/>

Github: <https://github.com/futakw>

LinkedIn: <https://www.linkedin.com/in/futa-waseda-8b8a4a201/>