

Yuta Ono

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Education

Department of Information Physics and Computing, Graduate School of Information Science and Technology, The University of Tokyo , Japan	Apr 2023 – Present
<ul style="list-style-type: none"> • Master of Information Science and Technology • GPA: 4.0/4.0 	
Department of Information Technology and Electrical Engineering, ETH Zurich , Switzerland	Sep 2023 – Aug 2024
<ul style="list-style-type: none"> • Exchange Student • GPA: 5.5/6.0 	
Department of Mathematical Engineering and Information Physics, The University of Tokyo , Japan	Apr 2019 – Mar 2023
<ul style="list-style-type: none"> • Bachelor of Engineering • GPA: 3.7/4.0 	

International Conferences

Exploring the possibility of TypiClust for low-budget Federated Active Learning <i>Yuta Ono</i> , Hiroshi Nakamura, Hideki Takase The 49th IEEE International Conference on Computers, Software, and Applications (COMPSAC)	Jul 2025
SUPClust: Active Learning at the Boundaries <i>Yuta Ono</i> , Till Aczel, Benjamin Estermann, Roger Wattenhofer 5th Workshop on practical ML for limited/low resource settings (PML4LRS@ICLR)	May 2024

Domestic Conferences (in Japanese)

Evaluation of TypiClust for Federated Active Learning in Low-Budget Regimes <i>Yuta Ono</i> , Hiroshi Nakamura, Hideki Takase Annual Conference of the Japanese Society for Artificial Intelligence (JSAI)	May 2025
Training Deep Neural Networks for Fast Data Assimilation <i>Yuta Ono</i> , Yuta Tarumi, Keisuke Fukuda, Shin-ichi Maeda Information-Based Induction Sciences and Machine Learning (IBISML)	Dec 2024
Trapping of Airborne Objects by Using Camera Tracking in Acoustic Levitation <i>Yuta Ono</i> , Shun Suzuki, Yasutoshi Makino, Nozomi Nishiumi, Hiroyuki Shinoda The Robotics and Mechatronics Conference (ROBOMECH)	Jun 2023

Awards

Certificate of Merit for ROBOMECH Outstanding Research Activity	May 2024
<ul style="list-style-type: none"> • Awarded to authors who have received high evaluations for their research results ($\sim 0.4\%$; 6/1467) 	
Fellow Award for Outstanding Young Engineers	May 2024
<ul style="list-style-type: none"> • Awarded to young researchers whose work is useful and novel ($\sim 2.8\%$; 25/887) 	

Scholarships

UTokyo-TOYOTA Study Abroad Scholarship for the Study and Research in the Field of AI Sep 2023 – Aug 2024

- Awarded to only five students who are studying abroad in the field of AI
- JPY 220,000 / month

Thirty-seventh term scholarship student, INOAC International Education and Scholarship Foundation Sep 2023 – Aug 2024

- JPY 100,000 / month

Grants

AIP Challenge Program, Japan Science and Technology Agency (JST) Jun 2025 – Mar 2026

- The AIP Challenge Program aims to support the independence of young researchers
- JPY 1,000,000

Work Experience

Part-time Researcher, Preferred Networks inc., Tokyo, Japan Oct 2024 – Present

- Developed a fast data assimilation method based on variational inference

Research Intern, Preferred Networks inc., Tokyo, Japan Aug 2024 – Sep 2024

- Fast data assimilation by deep neural networks

Teaching Assistant, ETH Zurich, Switzerland Feb 2024 – Apr 2024

- “Hands-on Deep Learning (FS 2024)”
- Skills: Python (PyTorch, PyG)

Part-time Engineer, Nagase Brothers Inc., Tokyo, Japan Aug 2021 – Aug 2023

- Web Backend Engineer
- Designed and built web APIs for internal systems
- Skills: Python, Golang, TypeScript, Docker/Docker Compose, gRPC, REST API, Protocol Buffers, OpenAPI Specification, MySQL, Ansible, Git, etc.