



CALL FOR INTERNS at OMRON SINIC X

At **OMRON SINIC X Corporation**, a research start-up located next to the University of Tokyo, Japan, we are looking for highly-motivated students eager to work with us on a variety of challenging problems, ranging from basic research to real-world applications connected to the future services and products of OMRON. Subsequent publications of your achievements in international conferences or journals are highly encouraged and supported after the internship period.

POTENTIAL TOPICS

- Machine Learning: deep learning for multimodal data analysis, decentralized learning frameworks, reinforcement learning and imitation learning
- Computer Vision: human sensing, vision and language, 3D object detection, tracking, and segmentation, applications to agriculture or healthcare services
- Robotics: robotic skill learning, object manipulation, simulation, human robot interaction, soft actuators, applications to factory automation and cooking robots
- Project proposals from applicants are also welcome.

REQUIREMENTS

- Experiences in at least one of the technology areas listed above
- Strong programming skills (C++ or Python)
- Fluency in English or Japanese

PREFERRED SKILLS / EXPERIENCES

- Publications in top-tier international conferences or journals
- Experiences in robotics software / hardware development
- Experiences in competitions, including but not limited to machine learning competitions, robot competitions, and competitive programming
- Contributions to open source software
- Experiences in deep learning frameworks, ROS, OpenCV, grasp planning, shared codebases (e.g., GitHub, Gitlab), Linux, Docker, Kubernetes

CONDITIONS

Accepted interns will be offered a base salary of **200,000 – 400,000 JPY or more** per month (full-time), with residence and transport fully covered. The start and end of the internship can be flexibly arranged for a period between 2 and 12 months. Applications for a part-time job, e.g., working 2 or 3 business days per week, are also welcome. Please apply at least 3 months in advance.

Interested? Contact internships@sinicx.com

<https://www.omron.com/sinicx/>