Recruitment Information on 2023 Internship

Department	Department of Agent Interaction Design (ID), Interaction Science Laboratories (ISL), Advanced Telecommunications Research Institute International (ATR)
Website	ATR: https://www.atr.jp/index_e.html ISL: https://dil.atr.jp/ISL/en/
Length of Internship	Start date Any time, up to 12 months Scheduled by the end of March 2024, in accordance with the fund's termination date.
Business Description	ATR is a core institute of Keihanna Science City in Kansai region. We promote pioneering and innovative research in information and communication-related fields with global collaboration among industry, academia and government. Outstanding research outcomes have been steadily achieved in such fields as computational neuroscience, deep human-robot interaction, wireless and communications, and life science. ATR is also taking initiatives to build and develop a global innovation ecosystem in the Keihanna Science City, and is working to commercialize research outcomes. [ISL] The lab is investigating a principle of cognitive interaction through R&D of network robots that has social intelligence. The lab is dealing with social-touch and moral interaction for robots, and active social participation with Cybernetic Avatars.
Work Hours	7 hours and 30 minutes per day (except rest breaks)
Day-off	Saturdays, Sundays, Public holidays and Five day summer holidays set by the company
Job Description/ Responsibilities	ATR-ISL-ID (supervised by Dr. Masahiro Shiomi and Dr. Hidenobu Sumioka) "Social touch interaction" To realize social touch interaction with a social robot, we are preparing a movable social robot that has a capability of physical interaction such as hug. For this purpose, the internship student will work together with us to develop a mobile robot by using ROS, and integrate the robot system with Unity as a social touch simulator. The student will be responsible for the programming implementation of the project
Required skills, qualifications and special requirements	High-level skills in programming are required. You should be proficient in C#/C++/Python, and it is preferred that you have experience developing software with at least 5000 lines by yourself. We will use Unity and/or ROS. [***Strongly required***] Please describe your skills and your experiences in programming in a separate cover letter in DETAIL when applying. If this is missing, your application will not be reviewed.
Required Japanese Language Skill	NIL
Accommodation	A company-subsidized apartment will be provided. bathroom and kitchen, might be shared. Utility charges must be paid by the student. (not deducted from salary) *Moving out the apartment shall not be accepted for the first six months. *A long-stay hotel might be provided instead of the apartment.
Distance from accommodation	Within 5 Km

Monthly student living allowance	Undergraduate: JPY 224,000 /Monthly Graduate: JPY 245,000 /Monthly - Before deductions of income tax (20% of the amount of income), apartment rent (around 60,000 yen/month) and social insurance fee (around 30,000 yen/month) - Travel costs of commuting and business trips: Paid - Housing allowance: Rent – 11,000 yen/month - Up to a ceiling of 30,000 yen - Social insurance - Applied if the length of internship is 2 months or more - Including health insurance and pension - Covered for the exact period of the internship contract - The health insurance enables the insured person to receive medical care including dental treatment by a medical doctor with 30% of the cost. Regarding the pension, withdrawal refunds can be claimed after leaving Japan if you have paid the fee for 6 months or more, and the amount of refund is around 70,000 yen.
Airfare coverage	NIL
Required documents for application	Resume, Recommendation letter, Others (Please specify your experiences in programming)
Close of application	February 10th, 2023