Machine Learning Intern – R Claire Inc. (Redwood City, CA)

About R Claire

R Claire Inc. is a robotics and AI startup based in Palo Alto, building the next generation of embodied intelligence. Our mission is to create robots that can see, touch, and learn — bridging advanced AI with dexterous manipulation and real-world interaction.

Role Overview

We are looking for a **Machine Learning Intern** to help develop and evaluate models that enable robots to perceive, reason, and act intelligently in the physical world. You'll work closely with the core engineering team on projects involving multimodal learning, teleoperation data, and foundation-model integration for robotics.

Responsibilities

- Assist in data preprocessing and curation for multimodal datasets (video, tactile, proprioception).
- Train and evaluate ML models for perception, action prediction, and imitation learning. Contribute to research on vision-language-action and embodied AI architectures.
- Support integration of ML pipelines into real-world robot control and simulation environments.

Requirements

- Pursuing a degree (B.S./M.S./Ph.D.) in Computer Science, Robotics, AI, or a related field.
- Strong programming skills in Python and familiarity with frameworks such as PyTorch or JAX.
- Solid understanding of machine learning fundamentals and deep learning architectures.
- Experience with computer vision, reinforcement learning, or robotics simulation is a plus.
- Self-driven, curious, and eager to work in a fast-moving startup environment.

Preferred Experience

- Exposure to embodied AI or robot learning datasets.
- Hands-on experience with ROS, Isaac Sim, or Mujoco/Genesis.
- Familiarity with multimodal models (e.g., CLIP, Flamingo, RT-X, LeRobot).

Details

- **Location:** Redwood City, CA
- **Duration:** 4–6 months
- **Start Date:** Flexible
- **Compensation:** Competitive internship stipend

How to Apply

Send your resume, GitHub/portfolio link, and a short note about your interests in robotics AI to **internships@rclaire.ai**.