



PR/096971 | Research Scientist (Embodied AI)

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1599608

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Singapore

Salary

Negotiable, based on experience

Refreshed

June 26th, 2026 11:49

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

COMPANY OVERVIEW

Our client is a leading research institution dedicated to advancing scientific discovery and technological innovation. It focuses on a wide range of disciplines, including biomedical sciences, physical sciences, and engineering.

We are currently looking for a Research Scientist in Embodied AI to lead cutting-edge research at the intersection of AI, simulation, and physical robotics.

JOB RESPONSIBILITIES

- Lead AI-driven robotics research and translate outcomes into industrial applications.
- Develop algorithms for manipulation, navigation, and adaptive autonomy.
- Build high-fidelity simulations using Isaac Sim, Gazebo, or similar tools.

- Apply machine learning and deep learning to improve robot control and decision-making.
- Prototype software solutions using C++/Python and ROS/ROS2.
- Integrate perception systems (vision, force/torque) for robust robot interaction.
- Publish research and contribute to technical documentation.

JOB REQUIREMENTS

- PhD in Robotics, Computer Science, Electrical/Software Engineering, or related field.
- 3–5 years of relevant experience.
- Strong skills in C++ and Python; experience with ROS/ROS2.
- Hands-on experience with AI/ML (e.g. reinforcement or imitation learning).
- Familiarity with robotics simulators, Git, and the software development lifecycle.
- Nice to have: CI/CD, containerisation, systems integration, humanoid robotics, or semiconductor equipment experience.

Work Location: Singapore

Syahirah Binte Ahmad Ja'afar (R22105331)
JAC Recruitment Pte. Ltd. (90C3026)

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Company Description