



## PR/096967 | Senior Robotics Scientist

### Job Information

**Recruiter**

JAC Recruitment Singapore

**Job ID**

1599607

**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 Senior Robotics Scientist with strong expertise in mobile manipulator and humanoid motion planning.

#### JOB RESPONSIBILITIES

- Design and implement advanced motion and trajectory planning algorithms for manipulators and mobile robots.
- Apply expertise in kinematics, control, and dynamics to achieve precise, collision-free motion.
- Integrate machine learning and deep learning to enhance robot autonomy and decision-making.
- Apply computer vision techniques to improve perception and object recognition.

- Collaborate with cross-functional teams, mentor junior engineers, and contribute to project proposals and technical reviews.

#### JOB REQUIREMENTS

- PhD in Robotics, Computer Science, Electrical Engineering, or related fields.
- Proven experience in motion planning and mobile robotics.
- Strong programming skills in Python, C++, and/or MATLAB.
- Experience with machine learning frameworks (TensorFlow, PyTorch).
- Strong communication skills and passion for robotics research.

Work Location: Singapore

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

#LI-JACSG

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