

シンガポールの求人なら JAC Recruitment Singapore

PR/095675 | Scientist (Robotics)

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1554809

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Singapore

Salary

Negotiable, based on experience

Refreshed

November 4th, 2025 17:00

General Requirements

Career Level

Mid Career

Minimum English Level

None

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 national research organization driving innovation through interdisciplinary science and technology to support industry transformation and societal advancement.

We are currently looking for a Scientist (Robotics related).

JOB RESPONSIBILITIES

- Conduct research on advanced algorithms, technologies, and tools; perform comparative evaluations and provide recommendations to support smart robotics and automation system development
- Engage with stakeholders to gather detailed requirements, understand problem statements, constraints, and desired outcomes
- Design and implement novel algorithms and software modules in areas such as autonomous manufacturing, intelligent human-centric automation, and reconfigurable robotic systems
- Collaborate with the team to validate solutions through virtual modeling, simulations, physical prototyping, and demonstrator development

- Analyze existing roadmaps, identify emerging research opportunities, and contribute to the development of new project or grant proposals
- · Prepare comprehensive technical documentation and deliver presentations to multidisciplinary audiences
- · Author scientific publications and contribute to intellectual property disclosures and technology documentation

JOB REQUIREMENTS

- Ph.D. in Al, Computer Science, or Engineering (e.g., Mechanical, Electrical, Electronics, Aerospace, Automation) with specialization in optimization, machine learning, robotics, autonomous systems, or cyber-physical systems
- Minimum 2 years of R&D experience in a relevant technical domain
- Strong foundation in computing, data science, and Al applications for robotics, autonomous systems, or industryrelevant challenges
- Proficient in Python and C/C++ for developing algorithms in data analysis, optimization, and machine learning
- Proven track record of publications in top-tier journals/conferences and/or patents
- · Excellent problem-solving, analytical thinking, technical documentation, and presentation skills
- Hands-on experience with Generative AI and Reinforcement Learning is a strong advantage
- Familiarity with systems-level modeling and simulation tools (e.g., Simulink) is a plus
- Industry project experience, either pre- or post-Ph.D., is highly desirable

Benefits

Work Location: Singapore

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

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Company Description