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PR/095675 | Scientist (Robotics)

募集職種

人材紹介会社
ジェイ エイ シー リクルートメント シンガポール

求人ID
1554809

業種
ITコンサルティング

雇用形態
正社員

勤務地
シンガポール

給与
経験考慮の上、応相談

更新日
2025年08月12日 10:41

応募必要条件

職務経験
3年以上

キャリアレベル
中途経験者レベル

英語レベル
ビジネス会話レベル

日本語レベル
ビジネス会話レベル

最終学歴
短大卒： 準学士号

現在のビザ
日本での就労許可は必要ありません

募集要項

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 AI, 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 AI applications for robotics, autonomous systems, or industry-relevant 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)

#LI-JACSG

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会社説明