

Job Title : Automation Engineer
Department : Advanced Robotics and Digitalization
Job Code : ENG-DMA006
Vacancies : 1
Hiring Personnel : Teo Sin Meng

Key Responsibilities:

- Identify requirements and design automation systems for factory automation
- Plan and perform proof-of-concept tests and follow-up with validation reports
- Configure automation system to suit its application
- Optimize the processes of the automation system
- Integrate and commission the automation system
- Perform robot teaching and the troubleshooting of robot, PLC and machine
- Operate CNC machine and cell management system to test the automation system
- Develop new software to integrate with other systems
- Provide training to internal and external customers
- Troubleshoot issues faced by customers and provide viable solutions
- Prepare the automation system layout
- Prepare project and development schedule with clear milestones
- Engage and collaborate with other engineers to meet project objectives

Job Requirements:

- Diploma/degree in engineering with specialization in robotics and/or mechatronics
- Experience with system design, mechanical design and drawing preparation
- Experience with electrical circuit diagrams, PLC ladder programming and basic programming language
- Experience with 6-axis robot programming
- Familiarity with various types of sensors and actuators
- Familiarity with machine tools industry and engineering processes
- Team player, self-driven and result-oriented