

Are you interested in improving lives and contributing to society? Are you curious to see how robotics can be applied to solve these problems? What better way to prepare yourself for a world filled with automation than by equipping yourself with the right skills. Start this exciting journey today by joining our team here at Omron!

JOB TITLE: Applications Engineer, Robotics, Singapore

As part of HQ for Asia-Pacific, you will get broad exposure to the automation needs in many countries and industries (automotive, food, electronics to name a few). From this bird's-eye view, you will zoom in and apply your technical skills to solve challenging problems that defy traditional solutions. We provide in-house and external training sessions for you to pick up the required skills to be effective in your work. Please visit these two links to find out more about Omron:

<https://www.omron.asia/>

<http://www.omron-ap.com.sg/>

Major Job Functions:

- Work very closely with internal and external customers to understand their automation needs and provide solutions that use robots and other automation products
- Learn how to apply robotics and automation inside factories and warehouses across various industries
- Develop custom robotics solutions and demonstrate at proof-of-concept (POC) level
- Participate and contribute to innovative application-level projects including features for improving robot products
- Provide applications support on technical issues at customer's site as required
- Learn how to identify root cause of hardware and software issues by analyzing data
- Support customers by providing product feedback and reporting issues to engineering team
- Troubleshoot mechanical and electrical aspects of the robot to determine faulty parts to be changed out
- Conduct training to customers and create training documentation
- Document troubleshooting procedures and assist with features for robotics product improvement
- Support the setup, management and tear down of equipment at tradeshow and roadshows

QUALIFICATIONS:

Education: Bachelor's in Electrical Engineering/Mechatronics/Computer Science/Computer Engineering

Must have:

- Keen to explore and solve technical challenges in automation
- Creativity in coming up with solutions using limited resources
- Good communication skills in oral and written English.
- Self-motivated individual who is a team player
- Customer-oriented attitude
- Based in Singapore with 25-50% travel

Nice to have:

- 2 years of experience with robots (manipulator arms and wheeled mobile robots)
- Experience with robot programming, and/or programmable-logic-controller (PLC) programming
- Experience programming with Robot Operating System (ROS)
- Experience programming in .NET framework
- Working knowledge of computer vision principles
- Experience with industrial automation and troubleshooting automation equipment

Fresh graduates are welcome to apply. Please send your resume to **zachg "at" ap.omron.com** if you want to find out more about this exciting opportunity.