Job Description

Job Title: Farm Engineer (Robotics/Automation)

Overview:

As a member of the engineering team, you will collaborate with engineers and scientists to develop systems that will revolutionise agriculture. Your task will be to design, evaluate, and integrate automation solutions into current innovative systems developed to automate various farm operations. This role has the opportunity to improve process, integrate new systems and project management.

This new position for Robotics Engineer is to further enhance and develop a novel farming system that integrate collaborative systems to improve operation efficiency and farm performance. This position requires the engineer to have sound knowledge of robotics and ROS software in order to perform in his/her role.

Responsibilities:
- System integration, testing and troubleshooting
- Proactively ensure the highest levels of systems and infrastructure availability
- Presenting designs to management
- Provide technical and engineering services for farm operations
- Keeps equipment operational by coordinating maintenance services; following manufacturer's instructions and established procedures
- Maintaining and modifying equipment to ensure safety, reliability and efficiency
- Monitor and test application performance for potential bottlenecks, identify possible solutions, and work with developers to implement those fixes
- Liaison with contractors/vendors/suppliers
- Writing reports and documentation
- Carry out duties as assigned by supervisor/management

Job Requirements:
- Degree in Electrical/Mechatronics/Mechanical Engineering
- Minimum 3 years working experience in robotics / PLC control integration
- Knowledge of Robot Operating System (ROS) is required
- Knowledge of automation products involving Safety, Servo and Motion control, PLCs, Machine Vision, etc
- Knowledge of communications platforms: Ethernet/IP, DeviceNet, etc is a strong plus.
- Experience participating in solution configurations/overall architecture design and the creation of PoCs to meet customer requirements.
- Experience with design and development is desirable.
- Functional comprehension of industrial engineering drawings, operations and maintenance manuals
- Demonstrated ability to be a self-starter and independent thinker
- Good analytical, interpersonal, and communication skills

Interested applicants, please email:
hr@archisen.com and copy yongliang@archisen.com

*Strikethrough when not applicable.*