



NANOVEL LTD

AI Algorithm Eng

About Us:

Nanovel is a young innovative startup revolutionizing agricultural technology through the development of autonomous robotic solutions. Our cutting-edge systems are designed to optimize agricultural tasks, enhance efficiency, and transform the farming landscape.

Role Objectives:

We are seeking a talented **AI Algorithm Engineer** to design and develop AI-driven solutions for embedded platforms, contributing to our mission of advancing agricultural robotics.

Key Responsibilities:

- Develop, implement, and optimize AI models for real-time applications on embedded systems.
- Collaborate with multidisciplinary teams to integrate AI capabilities into robotic systems.
- Conduct research to improve AI performance and scalability.

Required Skills and Qualifications:

- Experience with implementing end-to-end deep learning pipelines, including data preparation, training, validation and deployment.
- Proficiency in Neural Network technologies.
- Expertise in programming languages: Python, C/C++. Along with popular ML libraries and framework such as PyTorch, pandas, NumPy, SciPy, and TensorFlow
- Strong analytical and problem-solving skills.
- Background in vision systems and optics.
- Experience working with microservices and distributed systems.

Preferred Qualifications (an advantage):

- Experience with ROS2 (Robot Operating System).
- Hands-on experience with NVIDIA embedded GPUs.
- Proficiency in Linux-based systems.
- Strong understanding of version control systems, particularly Git and Git workflows.

Why Join Us?

At Nanovel, you'll be part of a forward-thinking team pushing the boundaries of agricultural innovation. You'll work in a collaborative environment that values creativity, excellence, and impact.

Apply Now:

If you're passionate about AI and robotics and ready to contribute to groundbreaking agricultural solutions, we'd love to hear from you!