Position - Senior Software Engineer - AI and machine learning

We are seeking a passionate senior software engineer with knowledge and experience in machine learning, neural networks and artificial intelligence to further accelerate our development across a number of innovative projects to solve great challenges in agriculture. We are seeking someone who is innovative and thinks outside of the box, to be involved in all stages of development, from strategy planning, to deployment and on-going improvement.

Your talents

5+ years Linux programming experience (Embedded preferred). We welcome applications from people seeking to gain experience, if you are passionate about developing autonomous technologies, self-motivated, have excellent communication skills and willing to learn within a collaborative team environment.

A degree in Computer Science / Engineering or alternatively equivalent industry experience

Experience with:

- C, C++ and Python experience
- Creating and using CNN, AI and deep learning models.
- Modern version control, Continuous integration and build systems,
- Developing in an Agile environment with exposure to professional software development processes and practices.

What you will be working with

The successful candidate will join the development team to work on a variety of projects and with a number of technologies. Within an Agile development team. Developing products based on a variety of platforms, such as: NVIDIA tools and ecosystem.

Along with:

- Machine learning concepts
- Machine learning (eg modelling, training neural networks, object classification, etc)
- Developing software for functionally safe products
- Constrained microcontroller environments
- Embedded ARM based Linux systems
- Android applications
- Machine control concepts (eg Sensor fusion, Navigation, Control systems, Path Planning)

Experience and familiarity with the above will be highly regarded but not necessarily required.