

Knowledge Transfer Partnerships

Placing graduates with innovative companies for over 40 years!

Position: Robotics and Machine Learning Engineer (Agri-Technologist KTP Associate)
Based at: Glinwell Marketing Ltd, Hatfield and at University of Hertfordshire, Hatfield
Salary: Adhoc Salary in the range of £33,246 - £40,700 per annum, subject to skills and experience
Application closing date: 4 April 2019 **Start date:** **Vacancy Ref No:** 020594

An exciting opportunity has become available for a qualified graduate to manage and deliver the KTP project plan in developing artificially intelligent and commercially efficient robotic systems, incorporating machine learning into the vegetable harvesting and picking process for fresh produce grown in glass houses. This position is a 36 month fixed term, full-time (39 hours) contract, with a £6k dedicated training budget tailored towards your personal development.

Duties will include:

- ◆ Stage 1: Identification of prototype's working environment
- ◆ Stage 2: Identification & evaluation of technical requirements
- ◆ Stage 3: Stepped implementation and system vision
- ◆ Stage 4: Preparation of arm, gripper & cutter
- ◆ Stage 5: Mobilisation of robot in environment
- ◆ Stage 6: Combining developmental work
- ◆ Stage 7: In field testing
- ◆ Stage 8 & 9: Component evaluation and prototype evaluation.

Qualifications we require:

A PhD (or be completing within 3 months) in Robotics, Cybernetics, Mechatronics, AI or related field is essential. An MSc in one of these fields is desirable

About Glinwell Marketing Ltd:

Glinwell Marketing is a leading UK fresh produce grower, grader, packer and distributor of high specification, specialised varieties of protected salad crops. Operating 6 state-of-the-art sites in the UK, allowing 100% of produce to be grown and supplied during our growing season from within UK.

Please visit: <https://www.glinwellplc.com/>

About KTP:

This position forms part of the Knowledge Transfer Partnership (KTP) funded by Innovate UK. KTP works with the business and the University. If you want to apply your degree, obtain additional professional qualifications while gaining 'real' job experience, then a KTP is what you're looking for.

The successful candidate must possess...

- ◆ Experience in programming C/C++, Python & ROS
- ◆ Experience in developing algorithms & software in an area related to robotics.
- ◆ Experience of Project Management.
- ◆ Experience in robotic hardware, design, assembly and programming.

Essential skills and qualities...

- ◆ Ability to plan & manage own activities.
- ◆ Ability to develop & troubleshoot software for robotic systems.
- ◆ Excellent knowledge of programming robots.
- ◆ Ability to compile technical specification documents.
- ◆ Excellent verbal & written communication skills, including making presentations and writing technical reports.
- ◆ Self-motivated, reliable and a friendly team member with good time management.

Apply now:

Download a PDF with further details about this position, or apply online quoting the vacancy ref no above at:

<https://www.herts.ac.uk/contact-us/jobs-and-vacancies>

If you have questions about this or other KTP vacancies contact:

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