

Background:

Currently, the agriculture production in south of China is facing to difficult situation about diverse of insects. Generally, we classify insect as harmful insects and non-harmful insect. The project is aiming to identification different species of harmful insects that may cause agriculture product loss.

Thesis description:

In this MSc thesis proposal, we propose a project with ambition to study the plausibility of classification/identification insect base on stereo vision technology. Meanwhile, we would like to measure which algorithm is the best solution in our project. In order to reach our final goal, we propose to study image processing algorithms as well as environment/insects issues such as different time in the day, different angles of insect, uncompleted insect identification etc.

Expected expertise/knowledge

- Good knowledge in Digital image processing/machine vision.
- Good skill in Matlab programming.
- Good team work.
- Some knowledge of other programming language (Java, C\C++) is preferred.

Message:

Thank you for your interest.

Send your application and CV as soon as possible to: BoLin Nordic AB, Attn: Lindholmsallén 59, 417 53 Göteborg, Sweden or by e-mail to: bo.yu@bolinnordic.com.

For further information about the position, call Bo Yu, tel. 0735068722.