

## Stage weken voor de opleiding Master Informatica

Titel: Computer Vision: Keypoint Detection

Gegevens bedrijf:

Naam: Vintecc

Tel: 0495928460

Externe promotor(en): Glenn

mailadres(sen): [glenn@vintecc.com](mailto:glenn@vintecc.com)

Andere begeleiders: Garben

mailadres(sen): [garben.tanghe@vintecc.com](mailto:garben.tanghe@vintecc.com)

Adres waar de student zal werken: Hof ter Weze 3, 8800 Roeselare

Kort (min 120 uur) of lang (min 200 uur): kort / lang

Korte beschrijving van de opdracht:

### Context

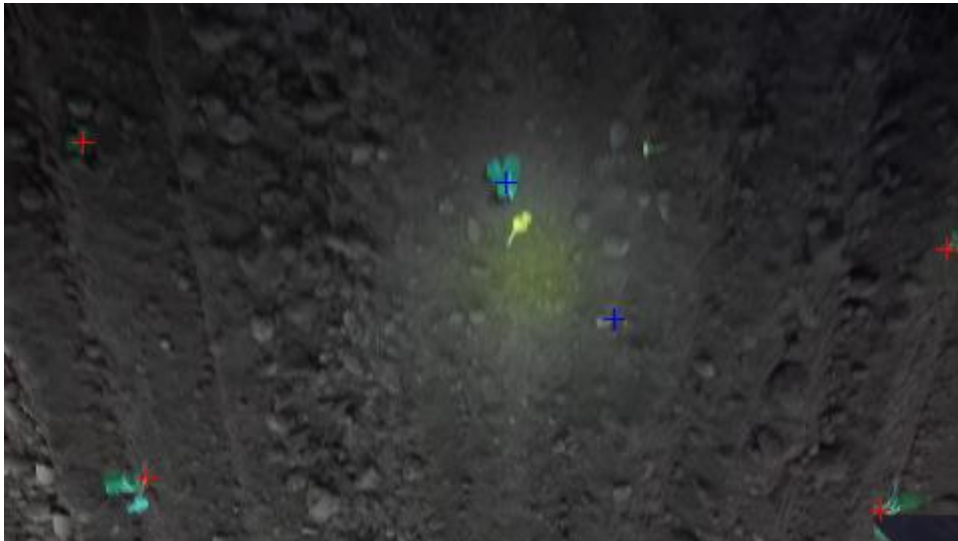
For one of our projects in the agricultural industry, we need to detect the exact location where plants go into the ground. For another project in the same industry, we need to detect specific features from vegetables.

### Goals

The goal of this internship is to create a Python package that can effectively train and infer on COCO datasets with keypoint annotations.

### Methodology

A great starting point is existing literature about the subject. You could also have a look at human pose estimation techniques and convert them to generalize to more generic use cases.



Technologieën die aan bod zullen komen:

Computer vision, deep learning, keypoint detection