FN HERSTAL   **BROWNING**

Internship

Computer Vision - Uniquely identifying a class instance

Key information

🏢 Department: eNovation

📍 Place of work placement: FN Herstal

⏱ Desired duration: 3-6 months

🎓 Desired level of education: Secondary ☐   Alternate ☐   Bachelor ☐   Master ☒

📚 Type of profile sought : Electrician ☐   Mechanic ☐   Electromechanic ☐   Electronic technician ☐

Chemist ☐   Commercial study ☐   Computer scientist ☒   Other :

Department

FN Herstal, through its e-novation range (http://fnenovation.eu), offers connected military accessories for infantry weapons, in particular a Computer Vision accessory designed for the armed forces as part of their training.

Description of the mission

One of the challenges faced by Computer Vision algorithms is to be able to uniquely identify an instance of the same class.

There are many applications, but they all have to meet the same need: to use computer vision techniques to identify an object in a unique way.

Depending on the application, this identification may or may not involve adding "markers" to the object detected.

The aim of the internship will be to identify the various techniques to be implemented, to implement them on the current hardware and to be able to demonstrate them.

As current hardware is limited in computational power, particular attention will need to be paid to CPU/memory requirements.

Your profile

- Computer engineering student, or computer science student.
- Existing knowledge of computer vision (or strong ability to acquire it)

- Want to expand your knowledge of embedded and IoT platforms in a world-renowned company.
- Creativity and initiative.

Contact

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