



FN HERSTAL



BROWNING

Internship

Development of a shooter pose analysis solution

Key information



Department: eNovation at 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

Through its e-novation range (<http://fnovation.eu>), FN Herstal offers connected military accessories for infantry weapons, in particular a Computer Vision accessory designed for use by the armed forces in training.

Description of the mission

In addition to the movement data from the weapon itself, which gives a good view of how the shooter is moving at the moment of firing, it is also important to be able to analyse the shooter's own position.

The aim of the internship will be to design an image analysis solution to detect the shooter's position and compare it with a 'reference' in order to suggest areas for improvement.

The selection, specialisation and use of Computer Vision algorithms will be at the heart of this project.

The implementation aspect, which should be as simple as possible, should also be considered both from a hardware point of view (cameras, computer, tablet, etc.) and from a software point of view.

Your profile

- Student engineer in computer science or electronics, or student in computer science.
- 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

Julien Gérardy – Julien.Gerardy@fnherstal.com