



Eurecat (www.eurecat.org) is the main Research & Technology Organisation in Catalonia and the second largest private research organization in southern Europe. It brings together the experience of more than 700 professionals who generate an annual turnover of 55,8 million euros and provides services to more than 2.000 companies. Applied R&D, technological services, highly specialized training, technological consultancy or valorisation and exploitation of industrial property are some of the services that Eurecat offers for both large and small and medium-sized enterprises in all sectors. The technology centre participates in more than 200 large national and international consortium projects of high strategic R&I and has 181 patents and 10 spin-offs. The added value provided by Eurecat accelerates innovation, reduces spending on scientific and technological infrastructures, reduces risks and provides specialized knowledge tailored to each company. It has eleven centres in Catalonia (Spain) and one in Chile (Latam).

DESCRIPTION

The **Multimedia Technologies Unit** at Eurecat specializes in the development of cutting-edge audiovisual solutions, including binaural audio, 3D sounds, immersive content production and post-production, and computer vision. Its multidisciplinary team works on real projects with applications in sectors such as culture, entertainment, video games, digital health, and smart devices, combining audio engineering, artificial intelligence, programming, and interactive experience design. Students joining the team will have the opportunity to learn and participate in applied research and the development of innovative technologies within a professional and collaborative environment.

More information here: [Multimedia Technologies - Eurecat](#)

The team is looking for a **Master's student in Computer Vision** who is eager to learn the fundamentals of research by participating in a study of the state of the art in artificial intelligence applied to computer vision problems within the context of affective computing, including posture detection and associated emotional analysis.

During the internship, the selected candidate will participate in industrial projects, experimenting with the implementation of various methodologies and gaining practical experience in a collaborative and multidisciplinary work environment.

Specifically, the tasks will include:

- Development and integration of artificial intelligence algorithms.
- Methodology validation.
- Writing technical reports.
- Presenting and communicating the work carried out.

REQUIREMENTS

Education:

- Currently pursuing a Master's degree in Computer Vision, Artificial Intelligence, or a related field.



Skills:

- Python, PyTorch, and code management tools.

Experience:

- Previous experience in companies and/or research projects is a plus.

WE OFFER

- Schedule: 20 - 30 hours per week
- Duration: 3 - 4 months (approximately)
- Location: Eurecat Barcelona
- Internship compensation will depend on the university's guidelines.

To apply, please send your updated CV to: adriana.cruz@eurecat.org