

Multitel

INNOVATION CENTER



R&D engineer in computer vision, machine learning and artificial intelligence – Biomedical project opportunity

Recognized as a center of excellence at the international level, Multitel develops and integrates emerging technologies in the industrial sector. These technologies are articulated around four areas of activity: Networks and Telecoms, Applied Photonics, Signal & Embedded Systems and Railway Certification.

Within the signal and embedded systems department, the Artificial Intelligence team plays a crucial role in supporting companies (from start-up to corporate) in their technological innovation projects and accompanies them from the feasibility phase to the development of minimal viable products in various fields such as: avionics, automotive, IoT, Smart Cities, industry 4.0, medical sciences & defense.

To enhance our AI team, we are seeking an R&D Engineer specializing in computer vision, machine learning, and artificial intelligence to contribute to an innovative medical application project focused on advancing endoscopy procedures.

Main responsibilities

- Participate in cutting edge research in computer vision and machine/deep learning for medical applications.
- Develop solutions for real world, large scale problems.
- Follow up state of the art research.
- Collaborate with internal departments and external academic partners and SMEs.
- Share your broad knowledge of machine learning algorithms with the team and other members of the research center.

Expected qualifications:

- Master or PhD in Computer Science, Electrical engineering, Physics, or a related technical field - or equivalent practical experience.
- 3+ years of programming experience in one or more of the following: Python, C/C++.
- Proven proficiency experience with libraries and toolkits such as CUDA, Matplotlib, Scikit, OpenCV, Tensorflow, PyTorch...
- Familiar with Linux operating system.
- 3+ years of experience in Computer Vision, Machine Learning, Algorithmic Foundations of Optimization, Data Mining or Machine Intelligence (Artificial Intelligence).
- Experience in endoscopic image processing, SLAM techniques and CT-scan segmentation is a significant plus.
- Ability to design and execute on research agenda.
- Strong analytical and communication skills.
- Ability to learn and acquire new knowledge.

- Ability to work fluently in English (spoken and written).

Why you should apply

Do you want to contribute in bringing real value to patients while driving AI innovation forward?

Then, tell us what makes you the perfect match and join Multitel's dynamic and growing team and its innovative environment.

Contact : rh@multitel.be