JOB OPPORTUNITY: COMPUTER VISION AND MACHINE LEARNING EXPERT

eVS designs computer vision software and FPGA IPs on embedded architectures. We are a high-tech company strongly oriented towards research and innovative solutions primarily for the automotive industry, but also other industrial targets such as aerospace, medical and machine vision.

We are looking for talents with experience in computer vision and machine/deep learning to join our team to work on highly innovative projects in the fields of automotive and aerospace.
We are looking for passionate people who loves challenges and wants to grow.

You will work in team with highly qualified personnel to study, design, develop and validate image and video analysis methods based on artificial intelligence and machine learning, especially deep learning.
Starting from the analysis of the start-of-the-art architectures, you will be asked to study and design deep learning models tailored to tackle actual applicative projects, and to validate them by coping with large training/test datasets. The goal is to find out innovative deep learning approaches in order to maximize performance while optimizing and containing the computational cost (memory and processor usage) and the use of computing resources.
This target will be achieved by a side-by-side work with FPGA/hardware specialists, who will support the development of such models.

Required qualifications:
-   Significant experience in Machine and Deep Learning.
-   Significant experience in Computer Vision and Image Processing.
-   Experience in Software development using Python (SciPy, NumPy, OpenCV, Pillow, etc.).
-   Experience with development frameworks for machine learning such as TensorFlow/Keras and PyTorch.
-   Experience on training a model from scratch and model fine-tuning.
-   Knowledge on model optimization techniques for latency and memory footprint.
-   Knowledge of state-of-the-art NN architectures such as ResNet, MobileNet, YOLO, etc.
-   Knowledge about object detection and classification, human pose estimation, semantic segmentation.
-   Problem-solving, analytical and critical thinking skills.
-   Excellent communication skills and ability to work in a highly collaborative environment.
-   Fluent English, spoken and written.

Place of work: Verona, Italy. Remote work can be an option to some extent.

The eVS company is an equal opportunity employer.
EMail us at **info@evsys.it** to apply for this position with explicit consent to personal data processing (D.lgs n. 198/2006)

eVS embedded Vision Systems S.r.l.
Strada Le Grazie 15 – 37134 Verona (Italy) – Tel/Fax: +39 045 8027027 – **www.embeddedvisionsystems.it**
P.IVA/C.F. 03512510235 – Cap. Sociale €10.000,00 i.v.