

Junior Computer Vision & Machine Learning Engineer **JuniorCVML2020**

We are looking for people passionate about applying machine learning techniques in computer vision applications to join in and help us build tools for object detection, object tracking and semantic segmentation.

If you are interested, please submit your CV and a cover letter in English or Greek at jobs@up2metric.com with reference **JuniorCVML2020**.

Job responsibilities

We have an opening for a computer vision & machine learning engineer, who will work in the context of commercial and research projects to:

- Design, implement, evaluate, and test state of the art computer vision algorithms and deep neural network architectures with a focus on object detection, visual object tracking and semantic segmentation on image, video and 3D data
- Collaborate with fellow team members to solve relevant problems and integrate developed models with existing applications
- Evaluate accuracy and quality of the designed models as well as data sources
- Train and retrain systems when necessary
- Stay up to date with the latest models and changes in the technology
- Develop and implement readable, maintainable and efficient production-ready code in Python and C / C++
- Document work in detail and consistency

Requirements, Desired Skills and Knowledge

- University Degree in Electrical/Electronic/Computer Engineering or Computer Science or related field
- Solid foundation in computer vision; key areas of interest include deep learning, object detection, object tracking, segmentation
- Familiarity with machine learning frameworks (pytorch, tensorflow)
- Solid skills in Linux environments
- Advanced knowledge of English (oral & written)

Nice to have

- Knowledge on the theoretical background of machine learning algorithms
- Experience in working with containers (Docker, Kubernetes)
- Experience developing algorithms for visual tasks; e.g. object detection, visual object tracking, semantic segmentation
- Experience using diverse data (images, videos, point clouds, etc.)
- Experience in collaborative research projects (e.g. H2020)
- Experience in software versioning tools (Git) and collaboration tool for s/w development
- Experience in translation of end-user requirements into SW requirements

Personal Characteristics

- Analytical skills to solve complex problems with creativity and attention to detail
- Highly self-motivated and eager to learn new technologies and investigate solutions
- Ability to work effectively both independently and within a team
- Strong desire to learn and accept new challenges
- Planning and time-management skills
- Capable to communicate and collaborate with multi-disciplinary research groups in the context of international research and innovation projects

What do we provide

- A fun, supportive and engaging environment
- Opportunities to pursue and work on cutting edge technologies
- Opportunity to publish novel research, participate in conferences, and collaborate with partners in academia
- Competitive salary