

## Photogrammetry and Computer Vision Expert (m/f)

**AUSIL SYSTEMS** is a young company formed by experienced professionals in the design, manufacture, installation and maintenance of automated contactless in-line industrial inspection systems.

We are in full expansion and we have a great opportunity to incorporate a Photogrammetry and Computer Vision Engineer to our Software Development Team with headquarters in Gijón (Asturias).

### **Job responsibilities**

- ✓ Prototype industrial inspection applications based in close-range photogrammetry, computer vision, machine learning, optical triangulation, pattern recognition and TOF techniques, among others.
- ✓ Research, develop and innovate techniques used in three-dimensional, completeness and surface defect inspection systems.
- ✓ Assist and advise the development team in implementing final applications.
- ✓ Be continuously aware of the state-of-the art in techniques applied to in-line inspection systems.
- ✓ Collaborate with the Team Leader in the definition of strategy and priorities to be defined at every moment.

### **Requirements**

- ✓ MsC or PhD in Geomatics, Computer Vision, Telecommunications or related field.
- ✓ 3+ years of demonstrable experience in close-range Photogrammetry and Computer Vision applied to in-line industrial inspection systems.
- ✓ Experience in algorithm design and development.
- ✓ Experience in scripting languages for rapid prototyping such as Python or Matlab.
- ✓ Must have strong coding skills in C# and C++, using OpenCV library and Visual Studio .NET environment.
- ✓ Good maths level and 3D image processing skills.
- ✓ Knowledge of Computer Vision IDEs such as LabView, VisionPro, Halcon, Sherlock is a plus.
- ✓ Publication of papers in journals and conferences is a plus.

### **We offer**

- ✓ Permanent contract in our headquarters in Gijón (Asturias).
- ✓ Career and personal development.
- ✓ Competitive salary according to the value and experience of the candidate.

If you are interested in this position, please send us your CV and cover letter, including your salary expectations and the earliest date on which you can start work, by email to [jobs@ausilsystems.eu](mailto:jobs@ausilsystems.eu), stating **PCVE Job Position** in the subject.