



Behind every record, there are years of intensive training and the athlete's desire to produce excellent performances. Behind the result, there is profound know-how and the high precision of Swiss Timing's state-of-the-art technology.

**If you have a special interest in technology and you want to participate in the future development of high level sport... we are looking for you!**

Globally active, our company is constantly seeking for employees determined to progress and work in a highly innovative environment.

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## Image Processing Software Engineer

### Job-description:

As development engineer in the timing & scoring system development department, you are in charge of the development of the computer vision and machine learning solutions applied for the measurement of the athlete's performances during sport competitions. You work in close collaboration with our sports managers and the sports federation to design and validate the new computer vision system used in the next Olympic Games.

### Responsibilities:

- Lead of the developments in the computer vision fields by applying cutting edge machine learning methods (e.g. RNN, CNN)
- Concept and development of photofinish and video judgement systems
- Ensure the highest quality and reliability of the software, and support continuous improvement
- Support of the technology and validations during sport competitions
- Strong involvement in innovation for video tracking in sport
- Small Project Management

### Your profile:

- Must possess a Bachelor (BS) or Master (MS) in Image processing Software Engineering, or equivalent

### Qualifications:

- Experience in computer vision (CV) and machine learning (ML) techniques
- Experience with CV and ML frameworks (opencv, tensorflow/pytorch, etc)
- Object-oriented programming (C++)

- Knowledge in image acquisition, processing and analysis: event detection, object recognition within images, video sequences
- Experience in Matlab and Python
- Experience in .NET (C#) development is an asset
- Strong communication skills in English, for reporting internally and externally
- Self-organized, able to prioritize according to deadlines
- Resilient and able to operate in a dynamic and sometimes stressful environment
- Available for travels in Switzerland and abroad (approx. 10% of the time)

**Language skills:**

- French: excellent
- English: excellent

**Start date:**

- ASAP

**Job location & Company address:**

- **Swiss Timing LTD**  
(Chronométrage Suisse SA)  
Rue de l'Envers 1  
Case postale 138  
CH-2606 Corgémont

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