

We are shaping the world with sensor solutions!

ams' success, being a world leader in the design and production of high-performance analog ICs and sensor solutions, is driven by our most important asset - our employees. To support our continuing growth, we are looking for people with ideas, people who want to make a difference and are focused on being the best.

The ams Biometrics and Computer Vision group (former KeyLemon team) develops Machine Learning based algorithms applied to several domains such as 3D face recognition for mobile devices. We are looking for an experienced applied researcher with expertise in deep learning complemented by a broad knowledge in computer vision. Ideally, you have hands-on experience with PyTorch and a good understanding of deep learning approaches. As part of the R&D team, you will work with other researchers to implement, train and evaluate machine learning algorithms, as well as closely interact with the software development team for technology transfer into our products.

Machine Learning Researcher (m/f)

Education and experience:

Required:

- PhD degree in computer science or master with 3+ years related experience
- Solid machine learning background with expertise in deep learning techniques
- Experience with PyTorch or any other machine learning framework
- Good Python programming skills
- Open-minded, fast learner and willingness to learn
- Fluent spoken and written English

Nice-to-have:

- Knowledge in process optimization
- Acquaintance with distributed computing under GNU/Linux
- Experience in data cleaning

Tasks and responsibilities:

- Develop machine learning algorithms
- Design and train deep neural networks using PyTorch
- Develop software tools for data preparation and running experiments
- Prepare technical reports and presentations for external and internal communication

Workplace: Martigny, Switzerland.

ams offers a great work environment with exciting career paths and trainings, attractive salaries, a profit sharing program, social events and much more.

If you enjoy creativity and innovation, working in teams and an open and friendly corporate culture, please send us your CV and cover letter to career.martigny@ams.com with the following reference: ams-1902-KLWEB

The text 'Step up.' is written in a large, white, sans-serif font. The background of the entire page is a vertical image showing a person in a dark suit walking up a set of stairs. The background is a grid of glowing blue squares, some of which contain circuit board patterns. The overall color scheme is blue and purple.