Open Position: Experienced Machine Learning/Computer Vision Engineer

Location: Base in Linköping, Sweden, with remote possibilities
Capacity: Full time position (expected start spring 2021)
Education level: PhD or M.Sc
Compensation: Startup level full time salary with potential equity incitements

Spotscale is expanding its R&D engineering team of computer vision and 3D experts with an additional senior expert. To further strengthen our abilities to interpret the built reality from close-up drone imagery and classify the 3D models into intelligent digital twins, we are looking for an experienced engineer in the machine learning and computer vision space.

In this position, you will tag-team with our current 7 engineers and take lead on segmentation of building parts, materials and anomalies in the condition changing over time. We are working with classification both in the 2D space (image segmentation) and in 3D space (point cloud segmentation) as well as 2D to 3D label transfer techniques to get the best of both worlds leveraging deep neural networks.

We'd like you to have a M.Sc or PhD degree in computer science, applied physics or equivalent with several years of experience of advanced processing/algorithms of image data and/or 3D data such as point clouds or meshes. As for languages, we would like to see that you are comfortable jumping directly into our environment where the majority of the code is written in C++ and python.

At Spotscale, every engineer carries responsibility for their own code and technical expertise area, providing a solid foundation of shared responsibility and knowledge transfer. In this role, you will be co-responsible for classification with ML / classic CV and optimization of the whole deep learning process.

As bonus qualities, we appreciate experience in coding standards and large company code and testing infrastructure as well as routines for testing and qualification of machine learning algorithms and output. Experience in working with different convolutional neural networks is valuable. Understanding of the photogrammetric 3D pipeline is a plus.

During these new times, the company has implemented a remote working culture through Slack, Google Suite and video/voice conferencing, with employees alternating between office work and home office. We would want to get to know each other in person but remote work is a natural part of our culture. We are a small team of great people working closely together so we believe you are collaborative, open-minded and take responsibility. Spotscale offers a friendly working environment with very high technology ambitions and great work life balance.

Summary of desired skills:
- M.Sc or PhD degree in computer science, applied physics or equivalent
- 7+ years of coding experience with images and/or 3D data preferably with deep neural networks
- Excellent programming skills; preferably in C++ / Python
- Experience with larger CI, testing and deployment infrastructure is highly appreciated
- Experience with photogrammetric 3D reconstruction is a plus
- You´re passionate about your work, collaborative, open-minded and responsible.

To apply please send your CV and cover letter to hello@spotscale.com no later than January 30th, 2021.