Full-time- and internship-positions @ Clockworks

www.clockworks.co

Clockworks is a Rotterdam-based start-up specialised in the development of solutions on the cutting edge of artificial intelligence & computer vision for actual problems. We are looking for people to strengthen our team, both in the form of full-time positions and internships/thesis projects for the following challenges:

Fine-tuning and self-optimising neural networks

- We receive a constant stream of new images, ideally, the whole pipeline from receiving the data, to retraining the network would be as automated as possible. Finding a clever way to ensure data-quality, and constantly fine-tuning a large array of networks.

Real-time inference using neural networks in a mobile environment

- We are very interested in being able to perform inference on a local device, either a smartphone or a smaller integrated hardware solution, such as an Nvidia Jetson TX2. This requires the networks to be more optimised towards size, without compromising the performance too much.

General "scene" text detection

- We can currently read a few key texts on a variety of analog meters using deep learning. However we would like to expand this such that we are able to read any text on any meter, previously seen or not. This would enable us to rapidly add new meter types.

Reading barcodes

- Barcodes are surprisingly difficult to read from an image as soon as a little bit of noise is introduced. We would like to find a way to read them in a more robust way, which will require some creative solutions.

Are you doing, or do you have, a master in Artificial Intelligence, Computer Science, Data Science or are you otherwise familiar with computer vision? Are you comfortable with python, and interested in applying state-of-the-art deep-learning architectures to real-life problems?

Join us! Feel free to drop by for a coffee to get to know us, our work and what interesting projects you can do at Clockworks! Contact us at Noelle.fischer@clockworks.co