

Computer vision internship

Position Type: Intern

Team: Computer Vision Team

Internship Subject:

Aerial Imagery Super-Resolution and Style Transfer using Generative Adversarial Networks (GAN).

Duration: 6 months

Description:

Aerial imagery is a very rich source of information about the real world environment. At nam.R we are working hard to improve and enrich our DigitalTwin, a geospatial database with characteristics of buildings in France.

We have access to an aerial imagery database for the whole French territory but we face two issues when exploiting those images. Firstly, the resolution is too low for some tasks and small details are lost. Secondly, there are large inconsistencies in the appearances of the images (geographic or camera based) that we wish to normalize.

We wish to address those issues using state-of-the-art Super-Resolution and Style Transfer Generative Adversarial Networks, advanced Deep Learning architectures.

As a member of the Computer Vision Team, the intern will be responsible for the development of computer vision algorithms and large-scale prediction as well as integration with GIS (geographical information systems) processing tools.

Please send your applications to the following email address: recrutement@namr.com