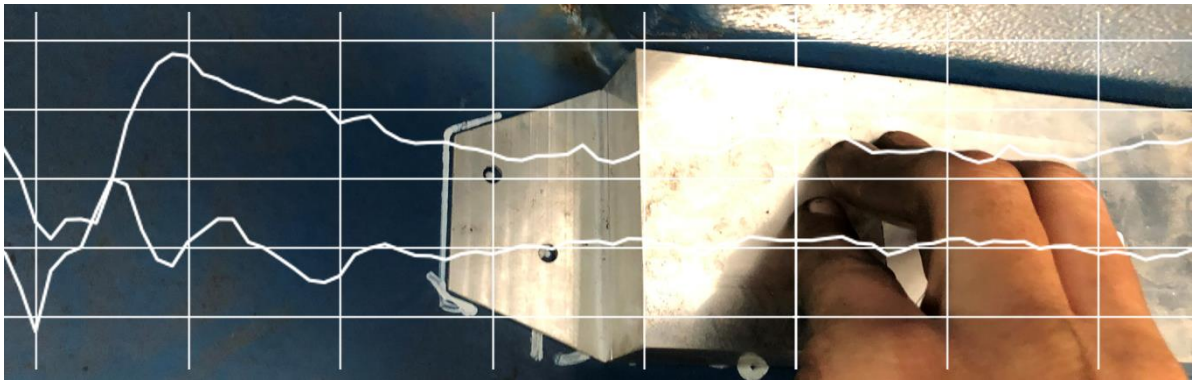
Operational internship: Advanced Analysis

Help us master our streams of complex, live data

Internship duration: 3-6 months
Your profile: Affinity with data analysis, e.g. Python/Matlab/R/…
Internship start: Q4 2020 / Q1 2021

About Villari

Villari delivers a revolutionary service with the continuous monitoring of damage accumulation in steel assets using advanced wireless sensor nodes. Our RedFox sensor nodes produce detailed data which are translated using algorithms to meaningful parameters such as crack length, which is periodically reported to our clients. Villari provides this service to industries such as public infrastructure, heavy lifting, and offshore. With permanent monitoring, asset owners can benefit greatly by reducing labour-intensive manual inspections, reducing asset downtime and accurately predicting when maintenance should be executed. Please refer to https://villari.nl for more information.



The assignment

Your job will be to analyse live RedFox sensor data that is streamed to our servers, and to distinguish the patterns we're after. You will help us improve our algorithms to boil down a wealth of information into meaningful parameters such as crack length. You will have freedom to introduce your own ideas and methods to tackle the technical challenges you, together with us, will inevitably encounter. You are encouraged to make use of a scalable programming language, such that the tools you develop can be expanded across multiple projects.

Your activities

- Analysis of live data from remotely operated sensor nodes
- Meaningful visualisation of this data
- Algorithm development
- Play a key contributing role in Villari as a company

You

- Have some experience with Python / MATLAB or similar
- Enjoy a technical challenge
- Are available for a minimum of three months (full time, 4 d/w negotiable)
- Are excited to join a young, rapidly expanding team!

Applications

Please apply by sending your resume and a short motivation to mail@villari.nl