

Junior Physicist / Data Scientist

NDT Global is the leading provider of ultra-high-tech diagnostic inspection solutions, advanced data analysis and integrity assessment services for ensuring the safety and longevity of energy-sector infrastructure assets. Recognized as the forerunner in ultrasonic inspection technologies comprising Pulse Echo, Pitch-and-Catch and Phased Array, as well as Acoustic Resonance (ART Scan) methodologies, the company also deploys a range of non-ultrasonic technologies, such as Inertial Measurement Units, with more under development. NDT Global strategically applies its inspection technologies to detect, diagnose and model various types of threat—circumferential or axial cracks, metal loss, geometry, mapping, and more—across diverse classes of assets. By providing predictive, decision-ready insights driven by the world's most accurate data, NDT Global enables the conditions for asset owners to optimize infrastructure health and drive operational efficiencies while reducing risk and minimizing their carbon footprint.



Purpose

For our algorithm development team, we are searching fresh minds to face the challenges of the future. We are working in the domains of signal and image processing, applying enhanced data reduction methods, searching for new visualization methods, and inventing and training models to get the best out of the various ultrasound methodologies the company uses. We are searching for you to bring the next generation to success. As entry point your responsibilities will be

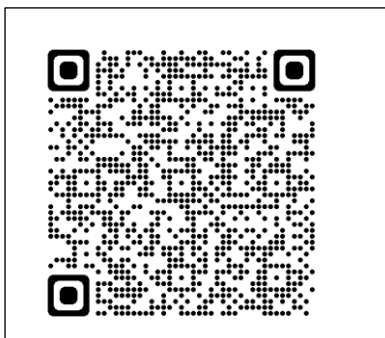
- Participate in the research and development of prototypes for improving data handling, analysis accuracy and/or efficiency for all NDTG technologies (UT, ART, Phased Array, Gas CD, ...)
- Test, evaluate and document developed solutions

Requirements

- A Master's degree in Natural Sciences, Engineering, Computer Science, Mathematics or similar
- Experience with research and/or data science projects is preferable
- Advanced experience in programming; preferable in python
- Spirit and skills to understand complex measurement technologies, i.e., to understand the physics, the related algorithms, and limitations
- Proficient in spoken and written English

Benefits

- Great long-term career prospects and development opportunities
- Challenging tasks in innovative and diverse teams
- Attractive compensation system
- Flexible working environment
- Job bike



Interested?

Please apply via [Junior Physicist / Data Scientist - Career Portal \(dayforcehcm.com\)](https://dayforcehcm.com)

We are looking forward for your application.

If you have any further questions please do not hesitate to contact Mr. Tom Sander (Career@ndt-global.com).