



FROM VIBRATIONS  
TO IDENTIFICATION

# System Development and Vibrations Measurements Engineer

V2i is a Liège-based SME specializing in vibration engineering and structural dynamics, founded in 2004 as a spin-off from the University of Liège.

The company offers a comprehensive range of services, including:

- Vibration testing: Laboratory tests on shaker systems to validate designs and ensure compliance with standards.
- On-site measurements: Modal and dynamic analyses to understand the behavior of structures under real-world conditions.
- Automated online inspection: Design and deployment of automated inspection systems for complex quality control applications in production environments.
- Monitoring systems: Development of custom solutions for real-time monitoring of industrial equipment.
- Numerical simulation: Finite element modeling to predict dynamic behavior and fatigue resistance of structures.

V2i collaborates with a variety of industrial sectors, including aerospace, defense, space, and civil engineering. Its clients include renowned companies such as Safran, Thales, Sonaca, Sabca, FN Herstal, and ArcelorMittal.

The company places a strong emphasis on research and development to stay at the forefront of technology in its fields of expertise, combining theoretical and experimental knowledge to deliver pragmatic and effective solutions to its industrial partners.

Website: [www.v2i.be](http://www.v2i.be)

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## Job Description

V2i seeks to strengthen its team responsible for developing custom systems to monitor the performance of industrial processes through the implementation of dedicated instrumentation. Alongside this primary activity, the company aims to acquire the necessary skills to conduct experimental activities, including tests and measurements both in the laboratory and on-site.

The company is therefore looking for an Engineer whose mission will be to:

- Manage custom system development projects – from solution design, sensor and hardware selection, software development in LabVIEW and Python, to validation and on-site installation.
- Conduct measurement campaigns on-site or in the laboratory.
- Act as the interface between V2i and its partners throughout system development and experimental campaigns.
- Ensure service quality in line with V2i standards.

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### Profile

- Civil or industrial engineer with a mechanical orientation, possessing a strong sense of physical principles, a keen interest in experimental work, and a desire to gain expertise in system development and vibration engineering.
- Rigorous, autonomous, flexible, and proactive.
- Proficiency in French and English is preferred.
- Affinity for software development is required.
- Knowledge of LabVIEW and/or Python is an asset.
- Committed to the values of respect, trust, and friendliness upheld by V2i.

### We Offer

- An exciting and diverse role in a dynamic working environment within a growing SME with an excellent reputation in its sector and among its partners.
- A rewarding image of cutting-edge technology.
- A friendly working atmosphere at Liege Science Park, with a true work-life balance.
- The opportunity to develop expertise valued in the industry.
- Participation in major industrial programs.
- An attractive salary package based on your skills and experience.