

Type aanvraag (stage/bachelorproef/masterproef)	Stage/Internship
Naam aanvrager (= begeleider)	Guido De Schepper
Direct leidinggevende	Laurens Tembuysen
Shop	Body Shop
Minimum benodigde periode [weken]	12 (between January and June 2025)
Studierichting bij voorkeur	Master of Science in Engineering

## AGV (Automated guided vehicle)

### Omschrijving van de opdracht

We are looking for a motivated and detail-oriented intern to join our AGV (= automated guided vehicle) implementation project team at the Manufacturing Engineering department of Volvo Car Gent.

The assignment will be in both our Welding/Body Shop and Final Assembly Shop.

This internship offers a unique opportunity to gain hands-on experience in the automotive industry, focusing on the data collection of disturbances and the follow-up of open issues related to AGV operations.

### Doelstelling van de opdracht

The goal of this internship is to enhance the reliability and efficiency of AGV systems by systematically collecting data on disturbances, analyzing the root causes, and ensuring timely resolution of open issues together with our supplier.

This will contribute to the overall improvement of AGV performance in our Welding/Body Shop and Final Assembly Shop and support Volvo Car Gent's commitment to operational excellence.

### Vereiste (voor)kennis/interesse

- Currently taking a Master's degree in Engineering, Computer Science, Data Science, or a related field.
- Strong analytical skills with the ability to interpret complex data sets.
- Excellent communication and teamwork skills.
- A proactive attitude and a keen interest in automation and manufacturing processes.