

Wout MALFLIET



PROFILE

Passionate **electromechanical engineer**, striving for innovation. I have built hands on experience and insight through Internships and relevant student employments, wherein I have successfully developed complete machines. Demonstrated innovative designs, fulfilling customer needs. Proficient in programming as well (Python).

CONTACT DETAILS

@ wout.malfliet@gmail.com

+32 483 33 99 43

✉ Jules Vincartpark 31, 9220 Hamme, Belgium

PERSONAL INFORMATION

Citizenship: **Belgium**

Languages: **English** (Fluent), **German** (Basic), **French** (Basic), **Dutch** (native)

Driving licence B

SKILLS

- SolidWorks, Siemens NX
- Python
- SPSS, Matlab
- MS Word, Excel, PowerPoint, Overleaf
- Communication and team collaboration
- Solution-based and Analytical thinking

EXPERIENCE

UGENT RACING (GHENT, BELGIUM):

- **HIGH VOLTAGE** **2024.09–pres.**
 - ◇ Design and manufacturing of the battery housing with both composite and metallic components to obtain a lightweight structure.

- **COMPOSITES** **2023.09–2024.08**
 - ◇ Student association: design, testing and manufacturing of the composite body, steering wheel and fire proof components for driver protection.

2024.02–pres.

MACHINE DEVELOPMENT at Nexys (Hamme, Belgium).

- ◇ Student employment: design of conceptual machine, proof of concept

2023.07–2023.08

MACHINE DEVELOPMENT at Handsaeme Machinery (Izegem, Belgium).

- ◇ Internship: design of conceptual machine for autonomous pallet production: workflow, safety, CAD-drawing.

2022.07–2022.09

TECHNICAL ASSISTANT at Belgian Mats (Lokeren, Belgium).

- ◇ Student employment: designing parts (CAD), assembly of textile production lines: redesign, rewiring, calibration of machines.

2020.07–2020.08

TECHNICAL ASSISTANT at ID'Flor (Lokeren, Belgium).

- ◇ Student employment: maintenance of irrigation systems.

EDUCATION

MASTER IN ELECTROMECHANICAL ENGINEERING. Mechanical Construction. University of Ghent.

2023–2025

- ◇ Semester abroad: *University of Stuttgart, Germany. Teaching language: German. Additional course in machine learning.*

2024.04–2024.09

BACHELOR OF SCIENCE IN ELECTROMECHANICAL ENGINEERING. Ghent University.

2020–2023

- ◇ Magna cum laude

HOBBIES

Sailing: small, open sport boats

Basketball: point guard

Skiing