



# Niels Malliet

## Electromechanical Engineer

Enthusiastic and motivated graduate with a passion for technology and automotive engineering. Skilled in mechanical design, vehicle dynamics and technical drawing. Looking for an exciting job in automotive or motorsport R&D.

## Contact

### Phone

+32 468 23 53 06

### Email

niels.malliet@gmail.com

### Region

9000 Ghent, Belgium

## Skills

- Vehicle dynamics
- Mechanical design
- Python
- MATLAB/Simulink
- CAD + CAE
- Technical drawing
- Communication
- Teamwork
- Problem solving

## Languages

English

Dutch

French

## Experience

○ September 2023 - Present

**UGent Racing I Ghent**

### Vehicle dynamics engineer

I am active in the Formula Student team at Ghent University. We are a team of students designing an electric race car and participating in international competitions. I am myself responsible for the vehicle dynamics modelling and mechanical design of suspension components. In this position I helped develop a complete vehicle dynamics model in simulink and designed complicated, lightweight parts for CNC-machining and 3D-printing.

○ July 2024

**Basalte | Merelbeke**

### Drafting engineer

In my role as an intern drafting engineer at Basalte I honed my technical drawing skills and picked up valuable knowledge on machining and quality control as well as getting familiar with working in an engineering company.

○ September 2020 - August 2023

**Chiro Herent I Herent**

### Youth leader

## Education

○ September 2023 - Present

**Ghent University**

### Master of Science in Electromechanical engineering: Mechanical construction

This academic year I will obtain the master of science in electromechanical engineering. I specialize in mechanical construction, so the focus is on production, strength and failure of mechanical parts as well as tribology and mechanical vibrations

○ September 2020 - September 2023

**Ghent University**

### Bachelor of Science in Electromechanical engineering - distinction

I obtained my bachelor's degree in electromechanical engineering with distinction at the Faculty of Engineering and Architecture of Ghent University.

## About me

My biggest passions are automotive technology, music and travelling. Ever since I was a kid, I adored everything science and technology. Automotive technology and motorsport have always been a great passion of mine, culminating in my engagement for UGent Racing. All my life I have enjoyed learning and spontaneously searched for knowledge on science, technology and inventions.