



MATTHIJS VAN DUYSE

CONTACT

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EDUCATION

2023 - 2025

GHENT UNIVERSITY

- MSc in Electromechanical Engineering: Mechanical Energy Engineering

2020 - 2023

GHENT UNIVERSITY

- BSc in Engineering: Electromechanical Engineering

2014 - 2020

SJKS SINT-NIKLAAS

- Science and Mathematics

SKILLS

- Python ★★★★★
- Siemens NX ★★★★★
- Office ★★★★★
- KISSsoft AG ★★★★★
- Solidworks ★★★★★

LANGUAGES

- Dutch ★★★★★
- English ★★★★★
- French ★★★★★
- German ★★★★★


EXPERIENCE

- **Design Engineer at UGent Racing** 2023 - 2025
Transmission Team
- **Student Job bpost** SUMMER OF 2024
Postman
- **Student Job in hospitality industry** 2021 - 2024
Brand Ambassador and Bartender
- **Student Job Schoenen Torfs** SUMMER 2018 - 2022
Warehouse worker

PAPERS

- **Master Thesis (Ghent University)** 2024 - 2025
Optimizing the engine performance of methanol in a marine engine retrofitted to spark ignition
Prof. dr. ir. Sebastian Verhelst
Ir. Quinten Dejaegere
- **Bachelor Thesis (Ghent University)** 2023
Design of an arduino controlled waterpump to preserve the water level in a water tower
Prof. dr. ir. Michel De Paepe
Prof. dr. ir. Michel Vermeulen

EXTRACURRICULAR ACTIVITIES

- **Team Transmission of UGent Racing**  2023 - 2025
UGent Racing is the Formula Student team of Ghent University. Students from different fields of study and disciplines work together on an electric, autonomous race car. We allow them to put their theoretical knowledge into practice. Our ambitious and talented members can fully develop themselves through our project-based approach with a strong focus on innovation. In addition to the competition, we want to create support for a more sustainable future and a more project-based approach in higher education.

HOBBIES

- Korfbal (teamsport), guitar, cycling, running, skiing