

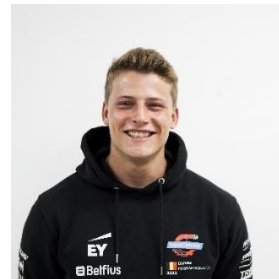
DAMIEN DE GROOTE

Student MSc Electromechanical Engineering – Mechanical Construction

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PROFESSIONAL SUMMARY

I am a passionate MSc student in electromechanical engineering with practical experience as head aerodynamic engineer at the UGent Racing team. The combination my two masters allowed me to gain insight in various engineering disciplines and principles at various levels. I am a people person, work well in team and love an engineering challenge.

LANGUAGES

Dutch ☒ ☒ ☒ ☒ ☒

French ☒ ☒ ☒ ☐ ☐

English ☒ ☒ ☒ ☒ ☐

SKILLS

CFD ☒ ☒ ☒ ☐ ☐

CAE ☒ ☒ ☒ ☐ ☐

CAD ☒ ☒ ☒ ☒ ☐

CAM ☒ ☒ ☒ ☐ ☐

This excudes various other mechanical and electrical engineering proficiencies as well as soft skills which I learnt during both my studies and at UGent Racing.

SOFTWARE

Siemens NX, Simcenter
StarCCM+, Ansys Fluent

This excudes various softwares which I came in contact with during both my studies and at UGent Racing.

EXPERIENCE

Trova Board Assistant 2025 - Present

Assistant to the Trova board regarding mechanical engineering

Head Aerodynamic Engineer 2022 - Present

UGent Racing – Formula Student Team

EDUCATION

MSc Electromechanical Engineering – Mechanical construction 2023 - Present

Ghent University

Thesis: Advanced fan modelling with CFD

MSc Engineering Technology - Electromechanics 2022 - 2023

Ghent University – Cum Laude

Thesis: Design and production of the undertray and diffuser of the UGent Racing car

Bsc Engineering Technology - Electromechanics 2019 - 2022

Ghent University

OTHER

Bistro Place Royale – Grand Hotel Belle Vue 2017 - Present

Bartender and waiter

Mathematics Tutoring 2023 - 2024

Private mathematics tutoring

Surfing Instructor 2021 - 2024

Surfing Elephant Wenduine