

Siebe Vandewalle

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📍 Bredene, Belgium 📅 22/11/2002 🚗 Driver License B



EDUCATION

Master of Science in Electromechanical Engineering - Control Engineering and Automation at Gent University 09.2023 - 09.2025

Bach. of Science in Engineering - Electromechanical Engineering at Gent University 09.2020 - 09.2023

EXPERIENCE

Head Control at UGentRacing 09.2024 - 09.2025

Leading the control team in developing and tuning new algorithms.

Internship at Vintecc 07.2024

Helping at the development of an automated framework to create and configure new projects more easily.

Autonomous-Control member at UGentRacing 09.2023 - 09.2024

Contributing to the development and optimization of control algorithms for the first fully autonomous racecar from UGentRacing

Mechanical-structural member at UGentRacing 09.2021 - 09.2022

Designed and fabricated a planetary gearbox

Internship at CNH 07.2023-08.2023

one month of field testing on CNH agricultural machinery in Germany

Summer Employee at Colruyt Group 2019-2022

Volunteer at Kazou Vacations 2020-2021

Supported the organization of recreational activities and events in children's camps

CERTIFICATES

Educam: HEV2 certificate 03.2024

INTERESTS

Sports climbing, running and cycling

Skills

Python

Matlab/Simulink

C++

Robotic Operating System (ROS)

SiemensNX

Solidworks

Languages

Dutch (Native tongue)

English (B2 Proficiency)

French (B1 Proficiency)