

ZOË HERMANS

COMPUTER & ROBOTICS ENGINEERING



CONTACT

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9070 Lochristi, Belgium

October 24, 2001

Driving License

LANGUAGES

- Dutch (Fluent)
- English (Fluent)
- Korean (Basic)
- French (Basic)

OTHER LANGUAGES

- Python
- C / C++
- Java
- C#

SKILLS

- ROS
- MATLAB / Simulink
- Unity
- Teamwork
- Problem Solving
- Curiosity
- Patience



PROFILE

I'm a Master's student in Computer Science Engineering, majoring in Robotics, and part of UGent Racing's autonomous team. I have a big interest in robotics, AI and simulation. I love building things, figuring out how stuff works, and taking on tricky challenges. Looking for a place where I can learn and work on something exciting!



WORK EXPERIENCE

Simulation Engineer 2024 - PRESENT
UGent Racing Autonomous Team

- Developed a digital twin of UGent Racing's autonomous car in Unity with physics simulation in Simulink and C#.
- Integrated sensor fusion and connected Unity to the autonomous driving stack via ROS.

Data Curation Engineer 2024
Vintec

- Implemented Python scripts for embedding-based data curation in Voxel51, optimizing dataset selection and annotation verification.
- Researched and applied CLIP/DINOv2 embeddings for machine learning in computer vision projects.

Assistant for fashion brand 2017 - PRESENT
Fox Factor

- For the past few years, I've helped my mom run her business, handling photoshoots, website fixes, and marketing design.

Math Tutoring 2020 - 2021
student.be, Online

- I helped other students pass university courses during COVID.



EDUCATION

Master of Science: Computer Engineering 2023 - PRESENT
Major Robotics & IoT

Ghent University
Graduating in 2026

Bachelor of Science: Computer Engineering 2019 - 2023
Ghent University