JASPER WELGEMOED
MECHANICAL ENGINEER

CONTACT

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2516LJ Den Haag

🎂 March 24th 2000

SKILLS

- Project Management
- Systems Engineering
- ROS2
- Basics in C++
- Python for Machine Learning
- CAD (Solidworks)
- Advanced Machine Perception

LANGUAGES

- Dutch (Native)
- English (Fluent)

INTERESTS

- Spacecrafts
- Satellites
- Planetary Exploration
- Robotics
- Artificial Intelligence
- Internet of Things
- Nature Preservation
- Earth Observation (Remote Sensing)

PROFILE

Hi! I am Jasper, a Robotics Master student who is eager to learn, with hands-on experience in robotics and rocket engineering. Alongside my theoretical coursework, I like to tackle challenging hands-on projects that push me to think creatively and develop my practical skills.

WORK EXPERIENCE

Chief Systems Engineer   2022-2023
Delft Aerospace Rocket Engineering | TU Delft Dream Team
- Led a 65-students team developing a reusable liquid bi-propellant rocket, overseeing subsystem design, integration, and testing.

ZZP Tutor & Exam Trainer   2012-PRESENT
- University level engineering courses exam trainer
- Highschool mathematics, physics and chemistry tutor

EDUCATION

Master of Science   2024-PRESENT
Mechanical Engineering Robotics | TU Delft
Average: 8.5/10
- Advanced Machine Perception
- Computer Vision
- Machine Learning

Bachelor of Science   2020-2024
Mechanical Engineering | TU Delft
Average: 8.0/10

PROJECTS

Multidisciplinary Project   April 2025
Machine Perception Engineer | TU Delft MSc Robotics

Bachelor Thesis   2024
Tool Switching System for Agricultural Robots | TU Delft
Final Grade: 8.5/10

CERTIFICATES & AWARDS

Certified Solidworks Professional   October 2025
Computer-Aided Design

Certified Solidworks Associate   2020
Computer-Aided Design