



JASPER WELGEMOED

MECHANICAL ENGINEER

CONTACT

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- March 24th 2000
- jasperwelgemoed.github.io

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



CERTIFICATES & AWARDS

- Certified Solidworks Professional** October 2025
Computer-Aided Design
- Certified Solidworks Associate** 2020
Computer-Aided Design
- 1st Prize University Mathematics Competition** 2019
Calculating Optimal Vaccination Degree
- KNAW Nomination Best High-School Project** 2018
Smart Volleyball Technology