

# Jeroen De Maeyer

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Belgian Nationality.

Akkerdonckstraat 23  
2150 Borsbeek  
Born on September 13, 1991



## PERSONAL SUMMARY

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I'm a creative team player with a passion for mountains and technology. Connecting the enormous power of computers with the reality of the physical world is my mission.

## EMPLOYEMENT

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2014 - 2016 Researcher at KU Leuven on the TGVel project.  
Design and test a quality system for commuter e-bikes.

## EDUCATION

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2012 - 2014 **MSc Eng: Mechanical Engineering, KU Leuven (Cum laude)**  
Module: Aero and space engineering  
Master thesis: Real time estimation of spacecraft reaction wheel friction  
(European Space Agency - ESTEC) Finding a solution for the pointing inaccuracy due to unpredictable bearing friction variations in reaction wheels.

## EXTRACURRICULAR ACTIVITIES

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March 2014 Athens programme: one week of courses on unmanned solar planes at the technical university of Madrid. (Universidad Politécnica de Madrid)  
2014 Team leader for the scene decoration team in the play of VTK, the student association of the engineering faculty.  
2011 & 2013 Participation in the **Air Cargo Challenge**. An **international competition** to design, build and fly a model plane carrying as much payload as possible.

## OTHER SKILLS

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Language skills    **Dutch:** mother tongue  
**English:** professional working proficiency  
**French:** elementary proficiency (willing to improve)

Computer skills    **Scilab, Matlab/Simulink, Scilab, R, L<sup>A</sup>T<sub>E</sub>X**, basic Solid Edge  
Arduino, BASIC Stamp and Atmega microcontroller programming  
Basic website design with html, css and javascript  
Other              Driving Licence (B)

## HOBBIES

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Gliding at Aeroclub Brasschaat (2008), youth movement leader at KLJ Borsbeek (2008) , flying radio controlled planes, climbing, hiking, snowboarding.