

about

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Belgium

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LinkedIn
Github

Driving licence: B

languages

Dutch: native language
English: C2 (CEFR)
French: B1 (CEFR) B

additional skills

Computational fluid dynamics
Classical control theory
Modern control theory
Machine learning
MS office

programming

Working knowledge
MATLAB/Simulink
Python 2.7/3
LaTeX
R

Basic knowledge
OpenFOAM (CFD)
HTML5/CSS
C++


education

- 2014–2016 **M.Sc. (In progress)** Ghent university
Bioscience engineering
Chemistry and foodtechnology
- 2011–2014 **B.Sc. cum laude** Ghent university 
Bioscience engineering
Chemistry and Bioprocess technology
- 2005–2011 **GSCE in Math and Sciences** Royal Atheneum Knokke-Heist
4.3/5 GPA

experience

- 08-09/2014 **Research internship** São Carlos Institute of Physics - University of São Paulo
Computer vision techniques for polymer recognition
on atomic-force microscopy images



scriptions

- 2016 **Master's thesis** Ghent university 
Spatio temporal modelling of filter cake formation
in membrane bioreactors
- 2014 **Bachelor's thesis** Ghent university
Innovative applications of artificial intelligence
in the food industry

voluntary work

- 2009–2014 **Leader youth movement** Knokke-Heist
102° FOS De Albatros

projects

- 2016 **Open Weblides** 
Open-source platform for interactive presentation slides
UGent innoversity challenge finals
- 2016 **COCOON: communication & co-creation online** Ghent university 
Education innovation projects 2016

Keywords: mathematical modelling, process control, computational fluid dynamics, optimisation, chemistry, problem solving